

20000510.qrp v01_n817.qrl.20000510

Date: Wed, 10 May 2000 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1817

QRP-L Digest 1817

Topics covered in this issue include:

- 1) [69756] Re: Using full wave loops multiband ?
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 2) [69757] Re: QRP Border Cross
by KD1YV <kd1yv@mindspring.com>
- 3) [69758] crystal source?
by Christine Bolstad <dogstar@the-bridge.net>
- 4) [69759] Re: here's all the help??
by "Paul Harden, NA5N" <na5n@rt66.com>
- 5) [69760] RE: SMK-1 Soldering Problems...Q Tip...
by "Paul Harden, NA5N" <na5n@rt66.com>
- 6) [69761] Attn: WA2HOQ re help postings de NA1XX
by NA1XX@aol.com
- 7) [69762] url for clock osc + pa tx?
by "John Kirk, VE6XT" <jakirk@calcna.ab.ca>
- 8) [69763] Re: here's all the help?? and bounced mail
by wb2vuo@juno.com
- 9) [69764] More on the Length of the NorCal Doublet
by "James R. Duffey" <jamesd1@flash.net>
- 10) [69765] Re: here's all the help?? and bounced mail
by joe lerch <jl@early.com>
- 11) [69766] RE: here's all the help??
by Richard Powell <ripowell@mpna.com>
- 12) [69767] Steve contact me and mast/ant for sale
by Scott Howell <n3byy@speakeasy.org>
- 13) [69768] RE: here's all the help?? and bounced mail
by Richard Powell <ripowell@mpna.com>
- 14) [69769] 49er
by Barry J Minsky <w2bj@juno.com>
- 15) [69770] Crystals Mfg. source
by n4so@juno.com
- 16) [69771] SMK-1 #179
by "Richard Matthews" <prm@hiwaay.net>
- 17) [69772] RE: SMK-1 Soldering Problems...Q Tip...
by Rick Sealey <rsealey@InfoAve.Net>
- 18) [69773] TS440S Lithium Battery
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 19) [69774] ribbon wire for norcal doublet

- by john@neknetwork.com
- 20) [69775] FS/trade: SST-40
by Dave Redfearn <n4elm@home.com>
 - 21) [69776] SMD & The Magic Bamboo Skewers
by Davewb4@aol.com
 - 22) [69777] Feedline Length for the NorCal Doublet
by "James R. Duffey" <jamesd1@flash.net>
 - 23) [69778] MFJ Cub
by "Ron Giuntini" <rong@slip.net>
 - 24) [69779] Re: here's all the help??
by Monte Stark <ku7y@dri.edu>
 - 25) [69780] Re:all the help/ Answer?
by "ukii" <ukii@megsinet.net>
 - 26) [69781] Gee this Guy doesn't want me on the list
by RangerSF5@aol.com
 - 27) [69782] Club: Iowa QRP Display needs vendor info
by "John Burnley" <burnleyia@home.com>
 - 28) [69783] "38 Special" Question
by "Steve Thompson" <steve@xcvr.com>
 - 29) [69784] A little irritable.
by Ed Loranger <we6w@qsl.net>
 - 30) [69785] Sierra for sale
by "Thaire Bryant" <tbry37@ici.net>
 - 31) [69786]
by "Thaire Bryant" <tbry37@ici.net>
 - 32) [69787] Re: MFJ Cub
by Mike <mmorrow@companet.net>
 - 33) [69788] Source for tubes?
by "John Nall" <nally@talstar.com>
 - 34) [69789] Attn: N4SO, AE4X re:Icom 728 problem fixed
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
 - 35) [69790] GlowBug List
by af852@rgfn.epcc.edu (William R Colbert)
 - 36) [69791] Re: A little irritable.
by Barry J Minsky <w2bj@juno.com>
 - 37) [69792] RE: here's all the help??
by "John L. Sielke" <n4js@pobox.com>
 - 38) [69793] Re: Cub Vs. SW20+ ???
by "Lau, Zack, W1VT" <zlau@arrl.org>
 - 39) [69794] RE: Source for tubes?
by "AI2Q Alex" <ai2q@ispchannel.com>
 - 40) [69795] Did I goof?
by arrowhead1@characterlink.net (Ted Danchi)
 - 41) [69796] Solar Ups and Downs
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 42) [69797] Re: Crystals Mfg. source
by Ray Colbert <af852@rgfn.epcc.edu>
 - 43) [69798] Re: TS440S Lithium Battery

by "Mike Yetzko" <myetzko@insydesw.com>
44) [69799] Re: A little irritable.
by Bruce Kizerian <kizerian@ced.utah.edu>
45) [69800] Re: Source for tubes?
by Ray Colbert <af852@rgfn.epcc.edu>
46) [69801] More Sierra mods
by "Richard E. Robinson" <rerobins@email.uncc.edu>
47) [69802] Re: Gee this Guy doesn't want me on the list
by Dave Sjolín <sjolin@swbell.net>
48) [69803] Re: Gee this Guy doesn't want me on the list
by "Brian P. Mileschosky" <n5zgt@swcp.com>
49) [69804] FS: LTA iambic paddles (plain brass - not gold plate)
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
50) [69805] SMK-1: The BIG TUNA!
by DaveNelson@lunarcorp.com (Dave Nelson)
51) [69806] Re: Source for tubes?
by neil <neil@aade.com>
52) [69807] [69748] here's all the help??
by "Gary Lee Phillips" <ka9nzi@arrl.net>
53) [69808] QRP web page photos
by Bruce Rattray <rattray@gpfn.sk.ca>
54) [69809] Asking for Help on the List
by "Cla KA0GKC" <ka0gkc@arrl.net>
55) [69810] Re: N-Channel JFETs- Amplifiers
by Curt Milton <wb8yyy@yahoo.com>
56) [69811] SM Capacitors
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
57) [69812] Help: Online cross reference sites?
by "John Burnley" <JBurnley@ifmc.org>
58) [69813] Re: crystal source?
by "Cla KA0GKC" <ka0gkc@arrl.net>
59) [69814] RE: FS: LTA iambic paddles (plain brass - not gold plate)
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
60) [69815] Re: QRP web page photos
by Lew Paceley <lew@paceley.com>
61) [69816] Resonant Speakers
by Cw4n5iw@aol.com
62) [69817] FS: QRPp's and Heathkit GD-1A Grid Dip Meter
by bcswh <bcswh@home.com>
63) [69818] wire / rope ant and a few otter things
by hamjoel@juno.com
64) [69819] Re: Help: Online cross reference sites?
by "James C. Owen, III" <k4cgy_list@yahoo.com>
65) [69820] Michigan QRP Net
by "Edward A Kwik jr" <eakwikjr@hti.com>
66) [69821] Re: battery charger
by "Phinizy, William" <wphinizy@filenet.com>
67) [69822] Re: Tubes/hollow state/lowbugs

- by Ray Colbert <af852@rgfn.epcc.edu>
- 68) [69823] Re:Re: WA2HOQ
by RangerSF5@aol.com
- 69) [69824] QRP FS.....SST 30-M with Mods
by RangerSF5@aol.com
- 70) [69825] SMK-1 receiver fixes
by Richard Matthews <prm@hiwaay.net>
- 71) [69826] SMT soldering tools
by Mike Gipe <mgipe@reliablemeters.com>
- 72) [69827] Re: A little irritable.
by Ed Loranger <we6w@qsl.net>
- 73) [69828] Re: Michigan QRP Net
by Jim Lowman <jmlowman@ix.netcom.com>
- 74) [69829] Resonate speakers
by "Steven Weber" <kd1jv@moose.ncia.net>
- 75) [69830] SMK-1 complete
by Ab5xq@aol.com
- 76) [69831] FW: QRP auxillary equipment question!
by "Charles Mabbott" <crmabbott@mediaone.net>
- 77) [69832] NEQRP CW Net on Thursday Night
by Chuck Ludinsky <cjl@mitre.org>
- 78) [69833] Simple speaker resonator
by NA1XX@aol.com
- 79) [69834] Re: FW: QRP auxillary equipment question!
by Michael Melland <badger@vbe.com>
- 80) [69835] Chuck Adams
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 81) [69836] Fw: Resonate speakers
by Bill Ross <k6mgo@juno.com>
- 82) [69837] F/S 38 Special (unfinished)
by Casey Ray <clray@usc.edu>
- 83) [69838] Re: Michigan QRP Net/Tornado
by Wb8siw@aol.com
- 84) [69839] Re: Chuck Adams
by GE1am30092@aol.com
- 85) [69840] [QRP CLUB] Fowarded from K1CL
by Joel Malman <malman@world.std.com>
- 86) [69841] Interesting Web Site
by "The Weinsteins" <weinsteins@home.com>
- 87) [69842] Re: Simple speaker resonator
by "Victor Blackwell" <victor@brecnet.com>
- 88) [69843] Re: FW: QRP auxillary equipment question!
by igeq100@iupui.edu
- 89) [69844] SMK-1: Kits Still Available
by "Doug Hendricks" <ki6ds@hotmail.com>
- 90) [69845] Solar Battery Chargers
by Paul Womble <pwomble1@tampabay.rr.com>
- 91) [69846] Re: Chuck Adams

- by PDouglas12@aol.com
- 92) [69847] QRP auxillary equipment question!
by "Charles Mabbott" <crmabbott@mediaone.net>
- 93) [69848] Re: Simple speaker resonator
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 94) [69849] Phone Company Removes endfed
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 95) [69850] Re: F/S 38 Special (unfinished)
by Casey Ray <clray@usc.edu>
- 96) [69851] Re: battery charger - UC3909 or UC3906 IC source?
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
- 97) [69852] Re: Alviso Home Brew QRP Club News
by Ed Loranger <we6w@qsl.net>
- 98) [69853] Re: FW: QRP auxillary equipment question!
by Bob Hightower <nk7m@extremezone.com>
- 99) [69854] Re: Chuck Adams
by Bob Hightower <nk7m@extremezone.com>
- 100) [69855] CLUB: WestFLA Meeting This Saturday, 13 May 1999 - Special Giveaways!
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 101) [69856] Re: SM Capacitors
by "bob baxter" <rbaxter@cybertrails.com>
- 102) [69857] Re: SMK-1 receiver fixes
by "Richard Matthews" <prm@hiwaay.net>
- 103) [69858] Original Swedish Pump Key Available!
by "Marshall Emm" <mgemm@mtechnologies.com>
- 104) [69859] Re: Original Swedish Pump Key Available!
by Michael Melland <badger@vbe.com>
- 105) [69860] 49er
by Barry J Minsky <w2bj@juno.com>

Date: Tue, 9 May 2000 16:01:04 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [69756] Re: Using full wave loops multiband ?
Message-ID: <000301bfba0a\$75058ac0\$26dbfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick

For several years I ran a three sided loop on the roof of my house, maybe 13 ft above ground.

Worked well on 40m with high angle radiation (NVIS), and fairly well on 30 and 20m.

A dipole worked much better on 20m and up, however.

I fed the antenna with 300 ohm twinlead and a balanced tuner for multiband work.

73, Bob N6WG

Date: Tue, 09 May 2000 19:34:38 -0400
From: KD1YV <kd1yv@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69757] Re: QRP Border Cross
Message-ID: <3918A08E.2AE34449@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah, but it reminds me of Little Johnny -- "That's why I didn't get no breakfast!"

--

72/73 de Jim, KD1YV

All of my friends must be related. Every one has @ in his/her name.

john@neknetwork.com wrote:

> What a great name! Consider it snagged!
>
> {snip}

Date: Tue, 09 May 2000 18:50:32 -0500
From: Christine Bolstad <dogstar@the-bridge.net>
To: qrp-l@lehigh.edu
Subject: [69758] crystal source?
Message-ID: <3918A447.B519A70@the-bridge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello ,

What is a good source for inexpensive QRP freq.crystals for transmitters that I am building . I am new to building and have found

manufacturers but there must be a cheaper source for common Frequencies
,I hope.

Thank You. Gregory Bolstad dogstar@the-bridge.net

Date: Tue, 9 May 2000 17:56:28 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69759] Re: here's all the help??
Message-ID: <Pine.SUN.4.10.10005091738390.6238-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 May 2000 RangerSF5@aol.com wrote:

> I sent *E* mail direct to another well known person on the list about
> calculating transmitter efficiency.
> No response.
> I out
> Bob
> WA2HOQrp <tm>

Bob,

Your email bounces, so I respond to this publically.

I am the "well known person" Bob is referring to. I read his question when I checked my email at noon and responded. I checked my email again when I got off of work at 5pm, read his post to qrp-l criticizing me not responding to him, along with my answer to him returned as bounced mail. Now some of us get an enormous amount of private email everyday, for which I know I spend at least an hour a day trying to respond, and I think my answer to you was fairly complete and I responded within minutes of first reading it.

The moral of the story is to have a little patience when requesting information from qrp-l. Many guys are on digest, meaning they may not be reading it until nearly 24 hours after you posted it. Or, maybe the problem might be on YOUR end ... like undeliverable mail. And due to the traffic on qrp-l, many of us refrain from reading/responding to personal email during working hours for obvious reasons.

Your contributions to qrp-l are valuable and informative, and I apologize if you felt I failed to respond to you for any personal reasons.

72, Paul NA5N

*** ATTENTION ***

Your e-mail is being returned to you because there was a problem with its delivery. The address which was undeliverable is listed in the section labeled: "----- The following addresses had permanent fatal errors -----".

--AOL Postmaster

----- The following addresses had permanent fatal errors -----
<RangerSF5@aol.com>

----- Transcript of session follows -----
<<< 550 rangersf5 IS NOT ACCEPTING ANY MAIL
550 <RangerSF5@aol.com>... User unknown
Final-Recipient: RFC822; RangerSF5@aol.com
Action: failed
Last-Attempt-Date: Tue, 9 May 2000 19:31:51 -0400 (EDT)

Received: from localhost (na5n@localhost)
by shell.rt66.com (8.9.3/8.9.1) with ESMTP id RAA06263;
Tue, 9 May 2000 12:32:43 -0600 (MDT)
Date: Tue, 9 May 2000 12:32:42 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: RangerSF5@aol.com
Subject: Re: Question Re: NW 40-M

Bob,
There are two distinct types of "transmitter efficiency." The first is the efficiency of the final PA stage itself. The "overall" transmitter efficiency is simply a measure of the total current drawn by the transceiver compared to the output power. The later is the 37% overall efficiency cited for the NW40. It includes all the current drawn by the rig, that is, the receiver, etc. during key down. Most QRP rigs have an overall efficiency of power usage in the 35-45% range, except those using digital frequency displays and other current consuming "add ons" that take extra power.

PA efficiency is the current drawn by the final PA transistor compared to the output power. For a class C stage, this will be about 50% or a less. For the MFJ and NW rigs, you get 5W out with the rig drawing about 1 amp. $1A \times 12V = 12W$. $5W/12W = 42\%$. However, that includes the current drawn by the receiver, which is about 100mA. So it is

ESTIMATED the PA itself is drawing 900mA x 12V, and 5W/10.8W = 46%, or pretty close to the IDEAL 50% of a class C stage. The proper way to calculate true PA efficiency is to have an inline monitor to show the real rms collector or drain current vs. power out. Experience shows it will only be a couple % off from calculating it by subtracting the receive current from the total.

72, Paul NA5N

--TAB11607.957915111/rly-zd02.mx.aol.com--

Date: Tue, 9 May 2000 18:03:53 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Dave Barrett <DBarrett@creo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69760] RE: SMK-1 Soldering Problems...Q Tip...
Message-ID: <Pine.SUN.4.10.10005091756590.6238-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 May 2000, Dave Barrett wrote:

> Hi All, place the part with a pair of tweezers and then hold in place with a
> wooden Q Tip with the bud cut off (just the wooden stick), hold the part
> flat with the stick with one finger on top and hold and feed solder in same
> hand while holding soldering iron with other hand

>

> Dave Barrett VA7DB (Ex VE7PCC)

FINALLY! Someone who mounts surface mounted components like *I* do.
I drop the SMC part on the board and scoot it into place with the end
of a wooden Q-tip, then hold it down with said stick while soldering it
in place. I usually put a bit of solder on ONE of the pads first so I
need to just heat up the soldered pad and slide the part into place with
the Q-tip stick. Then solder the other pad(s). The wooden stick has an
amazing amount of friction to slide it around, align it straight and
hold it down.

I've even gotten fancy on real small parts by cutting a small "V" into
the end of the wooden stick. By placing the "V" on the side of the part,

you can skew it straight as well as scoot it along for perfect alignment.
No tweezers ... but I do have a magnifying glass handy at all times!

72, Paul NA5N

Date: Tue, 9 May 2000 20:06:27 EDT
From: NA1XX@aol.com
To: qrp-l@lehigh.edu
Subject: [69761] Attn: WA2HOQ re help postings de NA1XX
Message-ID: <90.41d2b28.264a0203@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Bob,
Here's something to consider before you pull the plug on QRP-L.

I am subscribed to the list under 2 different AOL screen name accounts. You would be amazed at how many postings appear in the email of 1 screen name, but not the other. I don't know if this is a peculiar AOL problem, or what, but I do think that AOL users may not be seeing everything that is sent out by QRP-L.

So maybe some folks DID sent you some messages of advice on your troubleshooting problems, but you never got them.

Anyway, I hope you give the list a second chance before pulling out, because you have always been a real valuable resource there yourself. I remember the advice you gave me about my first MFJ rigs, and the fun I had trying to copy your milliwatt beacon on 7040.

Hang in there, and I hope you are feeling better health-wise too.

72
Mike NA1XX
North Weymouth MA
QRP-L # 1588
"When All Else Fails... CW"

Date: Tue, 9 May 2000 18:18:10 -0600 (MDT)
From: "John Kirk, VE6XT" <jakirk@calcna.ab.ca>
To: qrp-l@lehigh.edu

Subject: [69762] url for clock osc + pa tx?
Message-ID: <Pine.A41.4.05.10005091815470.40974-1000000@srv1.calena.ab.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Who had the url for a simple tx consisting of a ttl clock oscillator and a generic-sounding 1 stage pa? Would appreciate pointer to the site.
Thanks
John

Date: Tue, 9 May 2000 20:22:12 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [69763] Re: here's all the help?? and bounced mail
Message-ID: <20000509.202451.-125821.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sorry to see Bob pull the plug, but the reply I got from AOL says:

```
>>> RCPT To:<RangerSF5@aol.com>  
<<< 550 rangersf5 IS NOT ACCEPTING ANY MAIL  
550 <RangerSF5@aol.com>... User unknown
```

Bob, if you are reading the mail with a different account, resubscribe.
I/we can not provide any assistance at all if you have climbed into your foxhole and pulled the dirt back over the top.

Drop me a line direct if you want:

mail to: wb2vuo@arrl.net

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 09 May 2000 18:50:35 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [69764] More on the Length of the NorCal Doublet
Message-ID: <B53E0E7A.99C%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - I would have posted this to the list last night, but I installed a new e-mailer last night and by the time I got the rough edges off my daughter commandered the computer.

Since Doug posted that I had suggested the 44 foot flat top length of the NorCal doublet I thought I would expand a bit on it.

I first saw 44 feet suggested as a good length for a multiband antenna by Moxon in his book "HF Antennas for All Locations". It has the advantage of having the main lobes on all bands pointing in the same direction, and the impedance is possible to match on any band with reasonable tuner.

For further information on 44 ft antenna patterns and load impedances on any bands see L. B. Cebik's web page:

<http://www.cebik.com/aledz.html>

There is lots of good antenna stuff there if you have not visisted the site before, and W4RNL keeps updating the site so there is lots of new stuff there as well.

Cecil, W6RCA, who used to frequent this list, has perfected a technique for feeding and tuning an antenna using the feedline length. He has specifics for a 44 ft antenna on his web site. I don't know if this will work with the ribbon feedline or not, but for feedline made from 300 Ohm or 450 Ohm feedline see:

<http://www.mindspring.com/~w6rca/rotdip.htm>

While the heavier feedline will not work well with the SD-20 support this technique will work for a permanent installation.

If you don't need the higher bands you can make the antenna longer. 88 ft works well for 80 M , 40 M , and 20 M.

You may ask why this length is an advantage over say a 40 M half wave dipole

or a G5RV. The reason is that on the higher bands the antenna pattern splits into several lobes and where the most gain is in one band may have a null in another band. At my location, if I orient the 40 M dipole so the main lobe is pointed at Europe, which is a good location for lots of DX, then on 15 M and above I will have a null in the direction of Europe. On the other hand I will have maximum gain to Greenland and the South Atlantic, neither of which are very populated by hams. The G5RV has similar problems, but as it is longer the lobes split on lower bands.

By the way, the 44 ft NorCal doublet can also be used as a vertical on 80 M. Tie the ends of the feed line together and feed it against a good ground. This will be a slightly short monopole, but should load OK. Performance is quite dependant on the ground though. Elevated radials could be used. You can also use this technique on 40 M as well. Under some circumstances the performance might be better than if the doublet is used as a dipole. A good ground is still necessary, but it is not as critical as on 80 M as the radiation resistance is higher and the current maximum has moved a bit up from the ground, so the ground losses are reduced a bit.

I hope that this explanation helps a bit. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 9 May 2000 19:38:15 -0400
From: joe lerch <jl@early.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69765] Re: here's all the help?? and bounced mail
Message-ID: <00050920011401.00743@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tue, 09 May 2000, you wrote:

> Sorry to see Bob pull the plug, but the reply I got from AOL says:
>
> >>> RCPT To:<RangerSF5@aol.com>
> <<< 550 rangersf5 IS NOT ACCEPTING ANY MAIL
> 550 <RangerSF5@aol.com>... User unknown

I really got frustrated with Earthlink, I usually get 50 - 100 emails from various list servers everyday. Ocassionally, for no reason Earthlink would

bounce a few with the "Unknown User" errors, even though the emails were from the same list servers using the exact same name. I would find out 1 or two bounced [the one list server would send me a notice to let me know a message bounced] while the other 20 or so from that same mail server came through fine. I contacted the technical support at Earthlink but they were only concerned about the email program I was using - it was their mail server refusing mail from another mail server, yet the tech support person was concerned about the email program I was using! I never did get a straight answer, one time I did get a response "it seems to be working now so we won't worry about it." I am no longer with Earthlink, haven't had any problems with bounced mail since. It's a shame, as the sub contractors for Earthlink in this area really had their hardware set up well, we had good, fast connections every time. My uneducated guess was the mail servers were too busy, and rather than send that error message, they are programmed to send "unknown user", Can't advertise their mail servers were too busy to handle all their customers mail. Unfortunately, the server sending the mail considers "unknown user" as a fatal error and does not try to resend the mail.

joe(kc3gv)

Date: Tue, 9 May 2000 21:20:28 -0400
From: Richard Powell <ripowell@mpna.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [69766] RE: here's all the help??
Message-ID: <01BFB9FC.669FA960.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

in a message back on 4/16/00, Bob sez he's changin his email to
RangerSF5@yahoo.com
vice @ aol.com,,,,,
wonder if'n he finally gived up on aol?

-
Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118, FPQRP-2
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com <http://www.mpna.com/ripowell>
ICQ 39245532

-----Original Message-----
From: Paul Harden, NA5N [SMTP:na5n@rt66.com]

Sent: Tuesday, May 09, 2000 7:56 PM
To: Low Power Amateur Radio Discussion
Subject: Re: here's all the help??

On Tue, 9 May 2000 RangerSF5@aol.com wrote:

> I sent *E* mail direct to another well known person on the list about
> calculating transmitter efficiency.
> No response.
> I out
> Bob
> WA2HOQrp <tm>

Bob,
Your email bounces, so I respond to this publically.

big clip

Date: Tue, 9 May 2000 21:22:21 -0400 (EDT)
From: Scott Howell <n3byy@speakeasy.org>
To: qrp-l@lehigh.edu
Subject: [69767] Steve contact me and mast/ant for sale
Message-ID: <Pine.LNX.4.20.0005092119270.1335-100000@n3byy.yi.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Steve, sorry loss your msg so couldn't reply, but your mast is on the way.

Now I have one dk9sq mast at \$85 shipped and the matching loop antenna at \$70 shipped.

All items are in perfect condx and are insured.

If interested, drop me a note.

If you need a url to get more info, let me keep digging. I had one, but can't put my hands on it.

Was lossed when the windows machine got sick and windows killed itself. Sad thing it was. Services to be announced.

tnx es 72 de Scott/n3byy

Date: Tue, 9 May 2000 21:27:48 -0400
From: Richard Powell <ripowell@mpna.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [69768] RE: here's all the help?? and bounced mail
Message-ID: <01BFB9FD.6CFB3490.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Wow!!! two posts from me on one day!!!!

re: bounced mail and stuff....

I run a number of mail servers, and one of the constant battles I have is spam. To help combat this (and protect my users from junk) each and every spam that is received, is reviewed for its origin and the path it took to get to my server(s)... THEN those sources are blocked! There are also automated ways this happens, which for brevity I will overlook.

anyway,,,,,

sometimes in the course of human history..... no,,,,,

sometimes during the battle against spam, there are innocent victims....

like - legit bulk email sources like QRP-L and most other majordomo's .

well, when a provider (like me) discovers that (s)he has blocked a legit source of email,,,,,

well, we hurriedly re-allow that source.... BUT in the interim,,, some mail is lost forever to the bit-bucket!

With the amount of spam AOL users are subject to,,, and for that matter, the amount of spam originating

at AOL,,, it is a wonder that AOL users can send/receive mail from ANYWHERE!!!

It IS a battle zone out here on the backbone!

72 & oo's

/rick

-

Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118, FPQRP-2

Senior Network Engineer, Belcan IT Division

MCSE, CNA.

ripowell@mpna.com <http://www.mpna.com/ripowell>

ICQ 39245532

-----Original Message-----

From: joe lerch [SMTP:jl@early.com]

Sent: Tuesday, May 09, 2000 7:38 PM

To: Low Power Amateur Radio Discussion

Subject: Re: here's all the help?? and bounced mail

On Tue, 09 May 2000, you wrote:

> Sorry to see Bob pull the plug, but the reply I got from AOL says:
>
> >>> RCPT To:<RangerSF5@aol.com>
> <<< 550 rangersf5 IS NOT ACCEPTING ANY MAIL
> 550 <RangerSF5@aol.com>... User unknown

I really got frustrated with Earthlink, I usually get 50 - 100 emails from various list servers everyday. Ocassionally, for no reason Earthlink would bounce a few with the "Unknown User" errors, even though the emails were from big clip

Date: Tue, 9 May 2000 21:57:00 -0400
From: Barry J Minsky <w2bj@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [69769] 49er
Message-ID: <20000509.215705.-362017.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

A long time ago I built a 49er. I want to use it again but have lost the docs for it. If anyone has them, I would appreciate getting a copy. I would be glad to pay for copying costs and postage. Thanks.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Tue, 9 May 2000 21:29:32 -0500
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [69770] Crystals Mfg. source
Message-ID: <20000509.212933.-292599.3.N4SO@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

JAN Crystals, 2341 Crystal Dr., PO Box 06017, Ft.

Meyers, FL 33906-6017; tel 800-JAN XTAL, 941-936-2397
fax 941-936-3750; International Crystal Mfg. Co. 10 N.
Lee, PO Box 26330, Oklahoma City OK 73126-0330
tel 800-725-1426, 405-236-3741, fax 800-322-9426.
xtal.txt

Ken Brown, N4SO
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 9 May 2000 21:31:21 -0500
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-1@Lehigh.edu>
Subject: [69771] SMK-1 #179
Message-ID: <001b01bfba27\$d4a90200\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Finally had some spare time tonight to put my SMK-1 on for it's first check
out some good, some bad.

#179 transmits with correct output power, but I have no sidetone, just a
side hum.

On receive I have plenty of amplification, if I touch TC2 loud hum . .no
signals except when I touch C1, then I get good BC reception, no CW

I've checked and resoldered the Q's and checked soldering visually, thought I
found a bridge but no change.

Also, what tool is being used to tweak TC1 TC2?

Any suggestions?

Richard WA4NWW

Date: Tue, 09 May 2000 22:32:05 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [69772] RE: SMK-1 Soldering Problems...Q Tip...
Message-ID: <4.1.20000509221230.00960ca0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Me too, except for a slight variation. I used the method posted a short while back where a technician responded to a service call, whipped out a bamboo skewer and a can of rosin paste flux, dipped the stick in the flux, touched it to the top of the SMT component to which it stuck, carried it to the board and held it there for soldering. After reading that post I exclaimed Eureka!, what an idea, and chastised my thick-headed self for not thinking of it. My difference is I used a common round toothpick but cut off one end a bit at an angle to provide a little more surface area for the flux and part.

This was the best method I've ever used to apply SMT parts. Those things tiddly-wink all over the place with tweezers.

I didn't save that earlier post and don't remember who sent it, but I offer my thanks for it.

Rick - W4SEA
High Point, NC

At 06:03 PM 05/09/2000 -0600, you (Paul) wrote:

>
>On Tue, 9 May 2000, Dave Barrett wrote:
>> Hi All, place the part with a pair of tweezers and then hold in place with a
>> wooden Q Tip with the bud cut off (just the wooden stick), hold the part
----- SNIP -----
>>
>> Dave Barrett VA7DB (Ex VE7PCC)
>
>FINALLY! Someone who mounts surface mounted components like *I* do.
>I drop the SMC part on the board and scoot it into place with the end
>of a wooden Q-tip, then hold it down with said stick while soldering it
----- SNIP -----
>72, Paul NA5N
>

Date: Wed, 10 May 2000 12:41:15 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69773] TS440S Lithium Battery
Message-ID: <3918CC4B.F2BA3D07@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Can anyone help me with this enquiry?

<snip>

desire to eliminate the Lithium battery in my Kenwood TS440S and would like to replace it with a rechargeable which would get charged when the rig is on! This may not be a design improvement but the Lithium was replaced in Feb 2000 and is already NG. Unbuckling the rig from everything and disassembling makes me nuts. Whatcha think? N2DFJ

</snip>

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Tue, 09 May 2000 22:50:16 -0400
From: john@neknetwork.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69774] ribbon wire for norcal doublet
Message-ID: <3918CE68.5AE352D5@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

I'd like to build a pair of the Norcal Doublet antennas to try out. One for me and one for a ham co-worker. Being a cheap SOB, I don't want to spend \$12+S+H to order the full mother load of ribbon cable. I also can't find a local source and can't come up with a suitable alternative that would be as light and portable.

So, if some kind soul here on the list wouldn't mind parting with 2 strands of ribbon wire 100' long, I'd gladly reimburse you a couple a few dollars for your trouble and postage. Please email if you can do it.
Tnx es 73,

John, KB1ENS

P.S. I've already got the snap swivels... ;)

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Affordable web site hosting under your domain name!

C/C++, Perl, CGI, RDBMS, Web site creation and

Network Administration

Date: Tue, 09 May 2000 22:35:32 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69775] FS/trade: SST-40
Message-ID: <3918D904.DEC258FA@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness SST-40

Built and working, no mods.

Covers from ~ 7.036 to 7.044 MHz.

Also have the crystals for the Tech/Novice part of the band.

About 2 watts output.

Slight wear scratches on top & bottom of case.

Case is plain, no labels
with manual.

Asking \$80.00

or trade for a SST-20 or a 15 Meter MFJ Cub.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 9 May 2000 23:41:10 EDT
From: Davewb4@aol.com
To: qrp-l@lehigh.edu
Subject: [69776] SMD & The Magic Bamboo Skewers
Message-ID: <97.5288d5f.264a3456@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All: Someone mentioned a post of mine from a few weeks ago concerning SMD mounting. With all the problems I have been reading it is worth a repost. Its the best method of handling SMD I have ever tried.

"A few years ago (before retirement) I was a dealer for a broadcast television equipment manufacturer from Japan. A sale of studio cameras to a local broadcast television station had a preamp problem and the company sent over a tech from Japan to do the modifications. It consisted of the replacement of some caps, resistors, and transistors, all SMD. He removed the boards from the cameras and unwrapped his bag of parts. Removal of the parts from the board was a simple snap with a pair of side cutters, leaving the two end caps soldered to the board. He then reached into his bag and held up the magic bamboo skewer. The same kind we all buy at the grocery store and use to make kabobs. Pointed at one and flat on the other end. As he heated the end caps a quick flick with the pointed end removed the end caps. Then he flipped over to the flat end, dipped it in solder flux, and pressed down on the replacement SMD part. Like magic the part clung to the end of the skewer and it was easy to position it on the board. By applying slight pressure on the skewer he was able to hold the part in place while he applied solder. That was the only "tool" outside of a low wattage iron he used. Needless to say, the next day, every one of our service techs had a package of bamboo skewers over his bench. And if you try it and don't like it, you can always make kabobs on the grill."

73

Dave Rogers
WB4CHK
Plantation, FL

Date: Tue, 09 May 2000 21:44:04 -0600

From: "James R. Duffey" <jamesd1@flash.net>
To: Terres Family <terresfm@ncia.net>
Cc: qrp-1 <qrp-1@lehigh.edu>
Subject: [69777] Feedline Length for the NorCal Doublet
Message-ID: <B53E3724.9A6%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jerry - You asked:

"for the norcal doublet, is the length of the feed line at all critical to being able to tune it on multiple bands?"

The feed line length shouldn't matter too much. Some lengths may present better or worse loads for the antenna tuner to match, but most tuners should handle it on all bands. Cecil, W6ECA, has a scheme for matching using varying lengths of feedline which may work for the ribbon feedline, but I really don't know enough about the properties of the ribbon line to recommend a particular configuration. Check out his web page for more information.

I hope this helps. Let me know how it all turns out. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 9 May 2000 20:45:06 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [69778] MFJ Cub
Message-ID: <009b01bfba32\$22539f60\$9610b9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got my Worldradio today and saw the review of the MFJ Cub. Anyone have one of these? I see that the commercial outfits don't think hams can solder surface mount stuff.. We are proving this is not true, aren't we? Still looks like a nice radio, but is it worth one hundred dollars if you can't even put it ALL together yourself?

Date: Tue, 9 May 2000 21:38:31 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69779] Re: here's all the help??
Message-ID: <Pine.GS0.4.10.10005092136180.15081-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I sent Bob two emails.

The first went through OK and the second bounced.

Good thing for us all to keep in mind.....Email isn't
without problems! :-)

In fact, I think the US Post Office has less errors than
the internet! :-)

Hang in there Bob and try to find out what's happening
with AOL.

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Wed, 10 May 2000 00:11:08 -0500
From: "ukii" <ukii@megsinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69780] Re:all the help/ Answer?
Message-ID: <004d01bfba3e\$2e361c20\$49ccd6d8@ukii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang...

Been sitting here,quietly for a change and figured I would drop this into
the fire...

After new,major Virus is discovered,many servers shut
down and don't do whatever with the mail.
I am sure you computer gurus could expound,but
I think with the major "I wuv You" virus,coupled with
his AOL account,well,maybe that's enough said??

QRP:

WHen is the 10 meter qrp kit coming out?

73 de john

n9ukx

(ps,can I get a ZOmnie Badge!)

Date: Wed, 10 May 2000 01:19:03 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [69781] Gee this Guy doesn't want me on the list
Message-ID: <84.50877d3.264a4b47@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Subj: Bye!
Date: 5/9/00 9:35:18 PM Eastern Daylight Time
From: rburton2@midssouth.rr.com (Mark Burton)
To: RangerSF5@aol.com, RangerSF5@yahoo.com

Bob,
Don't let the door hit you in the behind as you exit the list. I am pretty
tired of watching you gripe. Week after week, there is something that causes
you grief on the list. I guess it is not a good fit for you. Have a good
life.

Mark

GEE Mark,

What did I gripe about?

Well i'm back<GRIN>

Have a very nice evening

Bob

WA2HQrp <tm>

Date: Wed, 10 May 2000 00:40:23 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>

Subject: [69782] Club: Iowa QRP Display needs vendor info
Message-ID: <005001bfba42\$3cf59ac0\$1b790818@cc149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang. The Iowa QRP Club will have a display table at the Hamboree in Sioux City on June 2-3, 2000. If you would like your information displayed or distributed, then email me privately. This is a good sized hamfest (for our neck of the woods) with 600-700 people attending last year (on the Saturday). It is a two day event and we plan to have a display table both days (plus QRP related presentations). I'll need your info as soon as possible. Thanks in advance.

72, John NU0V

Date: Tue, 9 May 2000 23:37:29 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [69783] "38 Special" Question
Message-ID: <000b01bfba4a\$3769f3a0\$bc66c6d0@0017772723>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi -

I'm building my 38 Special (yes, I know, I'm a little late :-)) and although the board is completed, I ran into one uncertainty. Perhaps those of you familiar with NorCal's "38 Special" can give me some advice ...

I have left one step undone ... the one where you must ground the outside of the cans of the two matched 12.000 MHz crystals. It says to connect them to "the nearest opening" (to ground), and to use a short bare wire to do so. I have plenty of trimmings left over, but I'm wondering ...

(1) Exactly where on the crystal do I connect the trimming?

(2) To where on the board does this short wire connect? It says to connect to a "nearby unused ground hole", but I know of no such holes. There are some unused holes nearby each of the xtals, but they do not pass the continuity test to ground. There are small square pads that do go to ground, and each end of each crystal partially (mostly) covers these pads. Perhaps this is the proper place to solder the trimming to ground? Tight space, but that would probably work.

(3) Lastly, would it be better (or just as effective) if one can was grounded, and the other can was connected to the grounded can? (i.e., the tops of the two 12.000 MHz crystals connected by a short piece of trimming). Just wondering.

Thanks, in advance, for any advice given. I want to get my "38 Special" finished up so I can dig into my K2!

Steve N7TX
steve@xcvr.com
<http://www.xcvr.com>
QRP-L #259 - FISTS #3467

Date: Wed, 10 May 2000 02:51:43 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69784] A little irritable.
Message-ID: <3919312F.E0E60A58@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I used to answer a lot of email regarding questions of some ideas or projects I've worked on.

Since the disability and all the pain I'm in, I just can't be typing much these days. I didn't realize it, but my earlier note may read like I'm irritable.

I am sorry. Being off the job and stuck at home all the time is taking its toll I guess.

I truly enjoy the email I receive and try to

answer questions when possible. Sometimes I just cannot do it. I lost my QRP ARCI contest logs because I was waiting for a period of reduced arm/hand pain when I could type them in and email them. Now the deadline came and they logs appear to have been lost due to sitting around the house and they got xyl'd or harmonic'd or something.

The last thing I could ever have perceived of me is that I won't help. The hardest is that it is becoming more difficult to type. Years of computer programming has damaged the nerves, tendons and muscles.

Ergo -- I don't do PSK-31 on a keyboard, nor CW on kbd. Fortunately Bug and paddle keys are side-to-side motion. I can do a straight key for a short while but not long. I replaced the water pump on the car (A simple procedure) and couldn't move my fingers and thumbs for 2 days.

The wife is tired of hearing me complain about my pain and I've tried to keep it away from her and this group as well.

Please forgive me if I sound a bit gruff about not helping with your resonant speaker, pixie2 or any of the many projects I've dug into so deeply and passionately over these last 3+ years I've been a happy QRPer. I really do want to help. I just can't.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Wed, 10 May 2000 06:43:57 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [69785] Sierra for sale
Message-ID: <200005101047.GAA01284@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Wilderness Radio Sierra

KC2

All band modules 80-10

DL PA (unbuilt, uninstalled)

Works FB, is in excellent shape, and has
worked a lot of DX. Can bring to Dayton.

\$375.00

Thaire W2APF

Date: Wed, 10 May 2000 06:38:53 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Message-ID: <200005101047.GAA01281@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Date: Wed, 10 May 2000 05:01:32 -0500
From: Mike <mmorrow@companet.net>
To: rong@slip.net
Cc: qrp-l@lehigh.edu
Subject: [69787] Re: MFJ Cub
Message-ID: <3919337C.7EB1@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ron Giuntini wrote:

> Got my Worldradio today and saw the review of the MFJ Cub. <snip>
> ... is it worth one hundred dollars if you can't even put it ALL together
> yourself?

Ron and all,

I think that the pre-assembled surface mount PCB is *THE* most
outstanding feature of the MFJ Cub. My reasons for liking the
pre-assembled surface mount PCB construction are:

1. It must be considerably less expensive to produce in quantity than a normal PCB with more than 100 individual parts. It makes parts shortages less likely too.
2. It certainly reduces the opportunity for error during kit building. (I really pity the QRP kit manufacturers who have to deal with some of the bizarre construction failures that get returned to them.)
3. It allows a much more compact PCB.
4. It allows an excellent PCB ground plane, compared to the usual thru-the-hole PCB, and hence makes a design for the higher bands easier to accomplish (to my knowledge, no mono band rigs are *currently* being marketed for 17m and 15m other than the MFJ Cub).
5. If the SM components are not reduced much smaller than that used by the MFJ Cub, then it is still possible for the hard-core kit modifiers to play around with the design.
6. It eliminates hours of drudgery counting and organizing parts and stuffing them into PCB holes. (I've done a lot of constuction in the last 35 years, and built five qrp kits in the last 10 months. But I suspect, though this is mild heresy, that I am not the only one who finds little challenge or stimulation in simply stuffing parts in holes and soldering and clipping leads all day.)
7. Most importantly, it allows one to get the unit on the air in the shortest possible time.

I think the ideal QRP mono band rig would combine the features and stability of PIC-controlled direct digital synthesis (a la SWL's DSW series) with the significant use of surface mount "generic" components (al la the MFJ Cub series).

All just my opinion, of course.

73,

Mike / KK5F

Date: Wed, 10 May 2000 07:21:13 -0400
From: "John Nally" <nally@talstar.com>
To: <qrp-1@lehigh.edu>
Subject: [69788] Source for tubes?
Message-ID: <000b01bfba71\$dab307a0\$f1e2fea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

(This is qrp related - trust me :-)

Can anyone recommend a source for ordering tubes? I see lots of ads in QST, but have no way of separating the wheat from the chaff. (Time was, one could buy tubes in the local drugstore. I guess that shows my age!)

Tnx,

John WB4LOQ

Date: Wed, 10 May 2000 08:16:48 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [69789] Attn: N4SO, AE4X re:Icom 728 problem fixed
Message-ID: <v03110701b53efdc63147@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ken and John,

Hey, thanks for the nice QRP 2-x's last night!

Ken, great letters in your call by the way ;*) sometimes I have problems on SSB with the "O", Ontario seems to work the best. Do you use phone and if so what phonetic works best for you? Oscar, Oboe, etc.?

Your signal was pounding in, had the beam heading your way and I was running 5 watts from the Icom.

John, when I first heard you, I thought, geesh, must be a milliwatter! Then, when you gave your QTH as New Jersey, I rotated the beam your way (or else you rotated your dipole haha!) and your signal came up big time. I'm using a TA 33 3 ele beam at about 45 feet with 5 watts.

You all are the first folks I've worked on CW with my new-to-me IC-728. I was able to track down the problem* thanks to getting a schematic. There was no component failure at all. The balanced modulator was not getting "unbalanced" to allow the carrier signal to come through. I could ground one side of the BM input through a 2.2k resistor and note plenty of carrier on the scope, with attendant power out on CW. That defined the problem.

There is a diode, D93, that is supposed to conduct and unbalance the BM. In CW mode, D93 had only .28 volts across it, not enough to make it conduct. An onboard pot, R241, controlled the bias to that diode. A simple adjustment of that pot fed more voltage to D93 and allowed the diode to conduct, upsetting the BM. Volia! CW out!

I'm going to contact ICOM and get the correct procedure for

adjusting that pot, although I think it is OK now.

Thanks all! 72 de NS80

*Would transmit in SSB, AM, FM just fine. However on CW, there was no output, even though it keyed the transmitting circuits.

Date: Wed, 10 May 2000 06:59:36 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [69790] GlowBug List
Message-ID: <200005101259.GAA08902@rgfn.epcc.edu>

For those interested, the glowbug has been put back into action by Ken, W7EKB after a few weeks of problems and rebuilding.

Date: Tue, 9 May 2000 23:20:36 -0700
From: keng@moscow.com ("Kenneth G. Gordon")
Subject: GB> FINALLY!!!!!! Gee...
To: glowbugs@piobaire.mines.uidaho.edu (Glowbugs)

Well, gentlemen and ladies, the GB list is back up and operating.

Just for your information, I have spent the last two days chasing a permissions vs. sendmail problem. Had to have help from the majordomo-users list to even get pointed in the right direction.

But I learned a lot...

Ken W7EKB

So if one is interested and not subscribed, now is the time. Good stuff there.

73
Ray

--
"The more I see of the representatives of the people, the more I

admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
El Paso,(FAR WEST) TEXAS

Date: Wed, 10 May 2000 08:55:37 -0400
From: Barry J Minsky <w2bj@juno.com>
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [69791] Re: A little irritable.
Message-ID: <20000510.085930.-390597.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ed,
I believe we are a community that truly cares about one another. Just
do what you can do, don't over do it, and remember that I will be praying
for you. Please keep in touch as much as you are able.

On Wed, 10 May 2000 02:51:43 -0700 Ed Loranger <we6w@qsl.net> writes:

> Gang, I used to answer a lot of email
> regarding questions of some ideas or projects
> I've worked on.
>
> Since the disability and all the pain I'm in,
> I just can't be typing much these days. I
> didn't realize it, but my earlier note may
> read like I'm irritable.
>
> I am sorry. Being off the job and stuck at
> home all the time is taking its toll I guess.
>
> I truly enjoy the email I receive and try to
> answer questions when possible. Sometimes
> I just cannot do it. I lost my QRP ARCI
> contest logs because I was waiting for a
> period of reduced arm/hand pain when I could
> type them in and email them. Now the deadline
> came and they logs appear to have been lost
> due to sitting around the house and they
> got xyl'd or harmonic'd or something.
>
> The last thing I could ever have perceived
> of me is that I won't help. The hardest is
> that it is becoming more difficult to type.
> Years of computer programming has damaged the

> nerves, tendons and muscles.
>
> Ergo -- I don't do PSK-31 on a keyboard, nor
> CW on kbd. Fortunately Bug and paddle keys are
> side-to-side motion. I can do a straight key
> for a short while but not long. I replaced the
> water pump on the car (A simple procedure) and
> couldn't move my fingers and thumbs for 2 days.
>
> The wife is tired of hearing me complain about my
> pain and I've tried to keep it away from her and
> this group as well.
>
> Please forgive me if I sound a bit gruff about
> not helping with your resonant speaker, pixie2
> or any of the many projects I've dug into so
> deeply and passionately over these last 3+ years
> I've been a happy QRP'er. I really do want to
> help. I just can't.
>
> 72/Ed we6w
> --
> 72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
> <http://www.qsl.net/we6w> Santa Rosa, CA
> My 2 pennies worth is just common cents.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Wed, 10 May 2000 09:09:09 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69792] RE: here's all the help??
Message-ID: <XFMail.000510090909.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Hint #1: DUMP AOL and get a REAL ISP. Then maybe you will receive your mail
and quit whining!

On 09-May-00 RangerSF5@aol.com wrote:

- > Well I see no reason to stay on the list anymore.
- > I can remember when you had a problem with a rig a dozen guys would respond.
- > All the NC 20-M owners out there and not one replied.
- > Ditto for local repeaters trying to get help.
- > All you hear is talk about food and other non radio related topics.
- > I sent *E* mail direct to another well known person on the list about
- > calculating transmitter efficiency.
- > No response.
- > I out
- > Bob
- > WA2HOQrp <tm>

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
Elecraft K2 #00023

Date: Wed, 10 May 2000 09:09:45 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [69793] Re: Cub Vs. SW20+ ???
Message-ID: <125490A005E3D3118C9C00805FC743CC74B302@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I'd suggest a direct conversion receiver for extreme conditions,
preferably with a VXO tuned by just a capacitor, as inductors drift
much more than good air variables.

Superhetroyne receivers require the BFO to track the filters accurately
over temperature. Over a 50 degree temperature range, it is quite possible
for on crystal to shift 50ppm, while another just 10ppm. At 10 MHz, this
is a 400 Hz shift, more than enough to cause serious problems with a
400 Hz wide CW filter and matching BFO.

It should be possible to match crystals by measuring them at the hottest and
coldest temperatures expected.

73-Zack W1VT

Date: Wed, 10 May 2000 09:12:22 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <nally@talstar.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [69794] RE: Source for tubes?
Message-ID: <000501bfba81\$61030a80\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John:

You didn't say what types of tubes you're looking for. Tell me what you need; I may have it here. I have a rather large collection of 1950s-style receiving tubes (and collect receiving and transmitting tubes from the 1920s and '30s).

Also, for transmitting tubes, I recommend Mike Forman in Oakland, California at (510) 530-8840. In my experience, he's very fair and has a large selection. For example, I called him and selected a pair of 4-400A tetrodes--but waited one additional day to place my actual order. He had already sold them! But, he substituted a new pair of MIL-type 8188 tetrodes, which are pulse rated and very much more rugged. He sold them to me for the same price as the 4-400As, which I thought was fair. The shipping packaging was excellent and the tubes have proved to be more than satisfactory in a homebrew 160 meter rig.

For receiving tubes, you may want to try Antique Electronics Supply in Tempe, Arizona. It has a good reputation with the guys in the Antique Wireless Association.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John Nall
Sent: Wednesday, May 10, 2000 7:21 AM
To: Low Power Amateur Radio Discussion
Subject: Source for tubes?

(This is qrp related - trust me :-)

Can anyone recommend a source for ordering tubes? I see lots of ads in QST, but have no way

of separating the wheat from the chaff. (Time was,
one could buy tubes in the local drugstore. I
guess that shows my age!)

Tnx,

John WB4LOQ

Date: Wed, 10 May 2000 09:23:46 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [69795] Did I goof?
Message-ID: <391962E2.D999EFF4@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey guys. I've got a problem. I've offered my rig (an OHR 2040) on this list several times. (You guys are probably getting sick of my postings. ;-(I hope not...) Initially I was getting some responses, but recently, there has been NOTHING. I've been around long enough to know that absolute silence is rather unusual from this list. I'm just wondering if I somehow made somebody mad, or if there just isn't much interest in this rig right now.

Thanks!

--

Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Wed, 10 May 2000 07:29:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [69796] Solar Ups and Downs
Message-ID: <Pine.LNX.3.95.1000510072732.25383A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I found this interesting especially as it affects our signals "gettin there" and "comin back".

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----

Date: Tue, 9 May 2000 15:36:33 -0500
From: NASA Science News <science.news@msfc.nasa.gov>
To: rattray@GPFN.SK.CA
Subject: Solar Ups and Downs

NASA Science News for May 9, 2000

The Sun appeared nearly featureless this weekend as the sunspot area dropped 10 times below its average value. Nevertheless, scientists say Solar Max is still on the way.
FULL STORY at

http://science.nasa.gov/headlines/y2000/ast09may_1m.htm

Solar Ups and Downs

--

Date: Wed, 10 May 2000 07:29:19 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: n4so@juno.com
Subject: [69797] Re: Crystals Mfg. source
Message-ID: <3919642F.D3BA0320@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And this one below is still in business - still advertise in the want-ads of QST:

PR CRYSTALS
Peterson Radio Co. Inc.
2735 Avenue A
Council Bluffs, Ia 51501
712-323-7539
(operated by Mrs Peterson)

Call and ask for their info sheet - little circuit sheet and pricing info much like CW xtals used to have some years ago.

73
Ray

--

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Wed, 10 May 2000 09:47:43 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [69798] Re: TS440S Lithium Battery
Message-ID: <013001bfba86\$85509ce0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ian,

I'm not sure I'd like 'rechargable' in there. But if you want...

If the rig is operated a LOT, like every couple days, you might
consider a 'super cap', one of those 10F guys. They are HUGE
capacity, but high impedance. You could parallel that in your
circuit, with the lithium as a backup. Diode isolate the battery
from the supercap and let the supercap charge and feed the
back 99% of the time.

The other issue is did you use the right Lithium? If it was from
the manufacturer, it may be the right one, but from OLD stock.
(I know, real bummer!) When I replace a lithium, I generally buy
a 'generic' lithium rather than the specific, that way I usually get
a fresh battery.

I just had to replace the lithium in my Alinco DR-590 in my car.
I went to RS and found about 6 batteries that were the same size.
So I pulled out the battery book and checked which one had the
LONGEST discharge rating. It was lower capacity but rated for

a longer time, and since I was taking a fraction of the rated current, I went for the time.

I did the same thing on my HTX-202 HT. That battery failed I think about a year after I bought it. So I put in a 'generic', and it's been there since without a hitch.

The problem with a battery from a manufacturer is that they are generally bought in 'bulk' at the start of the manufacturing cycle, and unless the manufacturer has rolled through to replacement stock, you could get some really old batteries.

Mike

> Gang,
>
> Can anyone help me with this enquiry?
>
> <snip>
> desire to eliminate the Lithium battery in my Kenwood TS440S and
would
> like to replace it with a rechargeable which would get charged when
the
> rig is on! This may not be a design improvement but the Lithium was
> replaced in Feb 2000 and is already NG. Unbuckling the rig from
> everything and disassembling makes me nuts. Whatcha think? N2DFJ
>
> </snip>
>
>
> 72/73's
>
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
> My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
> URL - <http://www.integritynet.com.au/~purdic/>
>
>
>

Date: Wed, 10 May 2000 07:41:53 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: we6w@qsl.net, qrp-l@Lehigh.EDU
Subject: [69799] Re: A little irritable.
Message-ID: <39196721.4C4DF3D1@ced.utah.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed

More than ever I appreciate the help you have given me.
Thanks. If there is ever anything I can do for you, please
let me know.

Bruce kk7zz

Date: Wed, 10 May 2000 07:42:08 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: nally@talstar.com
Subject: [69800] Re: Source for tubes?
Message-ID: <39196730.4E45E19F@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I think the first place I would look is Antique
Electronic Supply at: <http://www.tubesandmore.com/>
they are also a main supplier of parts for boat anchor
and glowbug parts - check their online catalog at the above
url and while there, ask for their paper catalog - good reference
to have on hand. another is Fair Radio Sales at:
<http://www.fairradio.com>. Another atho a little pricey
depending on the parts - is Surplus Sales of Nebraska -
which is basically for Collins parts.

Hope these sources help. I have dealt with Amateur Electronic
Supply (fairly recently) and Fair Radio (many years ago)and
I think your will be a satisfied customer.

73
Ray

The more I see of the representatives of the people,the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Wed, 10 May 2000 09:51:41 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [69801] More Sierra mods
Message-ID: <v0310280ab53f193c1d6a@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you haven't visited the excellent web page of Frank, G3YCC, you should be ashamed of yourself. There is a wealth of knowledge there.

Frank has combined some excellent posts regarding Sierra mods and they are a double click away.

<http://www.g3ycc.karoo.net/mods.html>

72,

Rick kf4ar

Date: Wed, 10 May 2000 09:16:59 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69802] Re: Gee this Guy doesn't want me on the list
Message-ID: <39196F5B.E0B003BB@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

RangerSF5@aol.com wrote:

>
> GEE Mark,
> What did I gripe about?
> Well i'm back<GRIN>

> Have a very nice evening

Bob, I think you owe Mark an apology. If he thought the whole list wanted to see his note to you, I'm sure he would have posted it himself.

Also I think you owe a bunch of people an apology for your outburst yesterday, hopefully you have done so privately since I havent seen anything but continued venom in public.

Suggest you either get a real ISP or not be so suprised when you dont get any email.

73 de Dave, N0IT

Date: Wed, 10 May 2000 08:23:21 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69803] Re: Gee this Guy doesn't want me on the list
Message-ID: <000d01bfba8b\$4c349c40\$4b0586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But notice that's only one person who doesn't want you to stick around out of the MANY that DO! Don't worry about him, Bob. It says a lot to just tell you to "leave" instead of offering his time to possibly help you out.

Stick around, Bob. We'd love to keep you on the list.

72,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
Eagle Scout 12/6/96 ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
ASM - Troop 41 Packet: N5ZGT PBBS, 145.05 MHz
OA Lodge 66 Albuquerque, New Mexico
Yah-Tah-Hey-Si-Kess <-W-W-W-< Brother, Kappa Sigma Fraternity
Please Visit my Homepage at: <http://www.unm.edu/~brianm>

----- Original Message -----

From: <RangerSF5@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, May 09, 2000 11:19 PM
Subject: Gee this Guy doesn't want me on the list

> Subj: Bye!
> Date: 5/9/00 9:35:18 PM Eastern Daylight Time
> From: rburton2@midsouth.rr.com (Mark Burton)
> To: RangerSF5@aol.com, RangerSF5@yahoo.com
>
> Bob,
> Don't let the door hit you in the behind as you exit the list. I am pretty
> tired of watching you gripe. Week after week, there is something that
causes
> you grief on the list. I guess it is not a good fit for you. Have a good
> life.
> Mark
> GEE Mark,
> What did I gripe about?
> Well i'm back<GRIN>
> Have a very nice evening
> Bob
> WA2HOQrp <tm>
>

Date: Wed, 10 May 2000 10:48:37 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [69804] FS: LTA iambic paddles (plain brass - not gold plate)
Message-ID: <125490A005E3D3118C9C00805FC743CC02F3A9@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

For Sale:

LTA model CRI iambic paddles - plain brass finish version - no gold plating.
Purchased from Morse Express about a year ago, but never used - I already
had a set of paddles that I prefer - I just wanted to have the CRI's to
grace the shack display shelf. I've since decided I'd rather have something
else to work on rather than something to just look at. :-)

Asking \$50 plus shipping (your choice of method)

72, Michael Tracy, KC1SX

Date: Wed, 10 May 2000 09:52:12 -0500
From: DaveNelson@lunarcorp.com (Dave Nelson)
To: "QRP Reflector" <qrp-1@Lehigh.EDU>
Subject: [69805] SMK-1: The BIG TUNA!
Message-ID: <LPBBLOHLJANHNCNGGDMFMEHPCHAA.DaveNelson@lunarcorp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey, all:

Finished up my SMK-1 this weekend and went for the "classic" case: A big tuna can! (the little 6 oz. cans aren't big enough). I also considered a can of King Oscar's Fish Balls, but that was \$4.50, and a big can of Chicken O' the Sea was \$1.50!

Anyway, I works great. I have an S0-239 centered sticking out the top, and the key and headphone jacks are on top as well. I took the 3 pots off the PCB and stuck them out the "front" side of the can. I'll have to get a digital photo of it this week. Next, to get it on the air! Hopefully maybe tonight (0200Z or so)! I'll be using a dipole up about 20 feet, so maybe the locals will hear me. I seem to be right on 7.039, so that's where I'll be....

Cross-eyed in Wisconsin (after all that SMD soldering!),

Dave-K9TY

;-)

Date: Wed, 10 May 2000 07:50:41 -0700
From: neil <neil@aade.com>
To: nally@talstar.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69806] Re: Source for tubes?
Message-ID: <39197741.B42818D3@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There are tons of tube sellers on the web listed on my newly updated links page.
<http://www.aade.com/links.htm>

--

Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Wed, 10 May 2000 10:10:41 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: RangerSF5@aol.com
Cc: qrp-l@lehigh.edu
Subject: [69807] [69748] here's all the help??
Message-ID: <200005101510.KAA21608@mail.lib.colum.edu>

Bob, you are hardly being fair. I know nothing about your NC 20-M (in fact, I don't even know what it is) but I know plenty about lists and e-mail. Your question and this nasty attitude complaint appeared in the SAME digest (I and many others receive QRP-L in digest, with a whole day's messages clumped into one packet.) So you didn't wait even 24 hours before losing your temper.

Many people only read their e-mail once a day, or even once every two or three days. You are hardly allowing them time to respond, even if they are quite willing to help you. If they get digest, they won't see your initial message until at least a few hours, possibly two whole days, after you send it.

I'd help you if I could, but as I said, I don't even know what the NC 20-M is. So I'm trying to help you understand the nature of e-mail: it isn't the same as a telephone call.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffle/>

Date: Wed, 10 May 2000 09:23:07 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [69808] QRP web page photos
Message-ID: <Pine.LNX.3.95.1000510090437.530A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Like a lot of people, I now have a web page up and running...I would like to have a number of images (pictures) on my web page and I have a few on there now.....but I am not a photographer so my pictures are not very good....I know it can be done as I've seen some VERY good pictures on other web pages....pictures taken outside are not a problem...I'm using a digital Kodak DC210 camera....I usually take a picture using the Wide angle and not getting closer than 12 inches to the subject....my subjects are book covers, some book pages, QSL cards, award certificates, people, equipment on my operating bench....I would like to be able to take closeups of circuit boards completed and in-progress...from the experiments I have done so far, it looks like my main problem is lighting....I have been increasing the wattage to about 150 watts but my pictures still have a course look to them....I have placed the objects on a white surface with a white background....by observing the pictures I have taken, it looks like my lighting problem includes how the light is dispersed.....I can light up one part of the object (say the book cover) but not the entire cover.....anyway looking at some of the QRPTTF pictures I know it can be done.....I'm just having trouble figuring out how to do it....any information on this would be greatly appreciated so I can have a "good" web page with excellent pictures...thank you....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 10 May 2000 10:27:50 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [69809] Asking for Help on the List
Message-ID: <006801bfba94\$6b3dc680\$0200000a@mcg.net>

I and others on the list know how frustrating a problem with a rig can be. This frustration often leads to impatience. It is essential when asking for help on the list that you do two things.

1. Always provide as much information as you can specific to the problem you are having. This includes the rig identity AND the results of YOUR first crack at tracking down the problem with what you did and the readings and findings you observed. Be very specific, even if all you have in test

equipment is a DVM. We on the list are not clairvoyant. We are not looking at your rig and problem. Describe it properly so we can get a mental picture of the situation. If you don't do that, you greatly lower your chances of getting help. Uninforming questions get uninformating answers or no answers at all.

2. Be patient despite your frustration! This is a hobby and we all have lives and other priorities in life and sometimes we won't read the list for a day and some are in digest mode and read a day behind. You should allow 48 hours for replies to a question. If you don't get any, blame not the list first, but your question. Many times I've seen questions that make no sense or contain no useful trouble shooting information. Refer to number one above.

Frankly, I have never seen a well asked question for help go unanswered on this list. Also, keep in mind that despite the 3000 or so list members, technical help seems to come from only a handful of members that have busy lives. Give them a chance to help before you decide that QRP-L isn't helpful. And please, don't post whiny "nobody helped me and I'm taking my toys and leaving" messages. That's just childish!

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 10 May 2000 08:31:07 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69810] Re: N-Channel JFETs- Amplifiers
Message-ID: <20000510153107.20627.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This device is also used as the first mixer in the TenTec 1340 QRP rig - and it seems to work great. I presume this single FET mixer is only good followed by a narrow IF xtal filter - but it does the job well in this application. I am curious if anyone knows how high its intercept point is - I am curious how it compares to an NE602.

An impressive thing about the TT 1340 design is this one transistor does 3 jobs - (1) mixer, (2) RF

amplifier (3) T/R switch.

73 and 72,

Curt WB8YYY

--- n4so@juno.com wrote:

> Vishay Siliconix

>

> For small signal JFETs

> N-CHANNEL JFETs- Amplifiers

> For J212, J309, J310 specs:

> J310 is used in the NorCal 20

>

>

<http://www.vishay.com/brands/siliconix/SSFsgnchjamp.html>

>

>

>

> Ken Brown, N4SO

> Mobile, AL EM50tk

> NorCal-20 at 5 watts

> 4 element yagi

>

>

> YOU'RE PAYING TOO MUCH FOR THE INTERNET!

> Juno now offers FREE Internet Access!

> Try it today - there's no risk! For your FREE

> software, visit:

> <http://dl.www.juno.com/get/tagj>.

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Wed, 10 May 2000 08:33:35 -0700

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>

Subject: [69811] SM Capacitors

Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FECA@blaze.bcsc.GOV.BC.CA>

Content-return: allowed

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I have a question regarding silver mica capacitor identification numbering. I have some capacitors that have, as an example, "150+10%". I assume this means a value of 150pf with a 10% tolerance. I also have some that have, for example "331K" and that's it. Are these 331pf ?

Doug VA7DD

Doug Davies
Bell-Irving Zone Forester
Kalum Forest District
Terrace, B.C.
250)-638-5125
(250)-638-5176 Fax
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Wed, 10 May 2000 10:43:03 -0500
From: "John Burnley" <JBurnley@ifmc.org>
To: <qrp-1@lehigh.edu>
Subject: [69812] Help: Online cross reference sites?
Message-ID: <s9193d40.074@ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Does anyone know of any online sites that can be used to cross reference = semiconductors and ICs? Are there any online sites that contain info on = identifying semiconductors that have (what appear to be) industry type = identification markings. Thanks much in advance!

72, John NU0V

Date: Wed, 10 May 2000 10:38:56 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <dogstar@the-bridge.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69813] Re: crystal source?
Message-ID: <00a001bfba96\$88b22420\$0200000a@mcg.net>

From: "Gregory Bolstad" <dogstar@the-bridge.net>
| What is a good source for inexpensive QRP freq.crystals for
| transmitters that I am building . I am new to building and have found

| manufacturers but there must be a cheaper source for common Frequencies
| ,I hope.

There are several frequencies in the ham bands in the crystal sections of Digi-Key and Mouser Electronics catalogs. Also, I think Norcal may still be supplying 7.040 crystals at a very good price. Hamfest are also an excellent place to look for crystals, including broken and parts rigs. After that, your pretty much looking at 10 to 11 bucks a crystal from places like Jan Crystals.

Hope this Helps and 73 de Cla KA0GKC

Date: Wed, 10 May 2000 11:45:11 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [69814] RE: FS: LTA iambic paddles (plain brass - not gold plate)
Message-ID: <125490A005E3D3118C9C00805FC743CC02F3AC@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The LTA's are spoken for.

72, Michael, KC1SX

Date: Wed, 10 May 2000 10:50:04 -0500
From: Lew Paceley <lew@paceley.com>
To: rattray@gpfn.sk.ca, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69815] Re: QRP web page photos
Message-ID: <008501bfba97\$692629c0\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Bruce,
I've seen some really FB amateur pictures of wristwatches (which also have a lot of fthe fine detail you want to capture in photos of circuit boards) that were accomplished with a very simple, inexpensive technique.

Cut the bottom out of a translucent gallon milk jug. Put the bottomless milk jug over the object to be photographed. The milk jug is going to be the diffuser and will be used to reduce the hard shadows and provide more diffuse, even lighting of the subject. Now arrange your lighting (table

lamps, spotlights, etc) around the outside of the milk jug to achieve the lighting effect you want. Put the lens in the top of the milk jug, preview on your digital camera, and snap your photo. Depending on the light source you use you may have to do some color correction in your computer photo editing program.

I'm not much of a photographer anymore so I'd like to hear if it works for you. Good luck!

72,
Lew
K5LEM

----- Original Message -----

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, May 10, 2000 10:23 AM

Subject: QRP web page photos

> Like a lot of people, I now have a web page up and running...I would like
> to have a number of images (pictures) on my web page and I have a few on
> there now.....but I am not a photographer so my pictures are not very
> good....I know it can be done as I've seen some VERY good pictures on other
> web pages....pictures taken outside are not a problem...I'm using a
> digital Kodak DC210 camera....I usually take a picture using the Wide
> angle and not getting closer than 12 inches to the subject....my subjects
> are book covers, some book pages, QSL cards, award certificates, people,
> equipment on my operating bench....I would like to be able to take
> closeups of circuit boards completed and in-progress...from the
> experiments I have done so far, it looks like my main problem is
> lighting....I have been increasing the wattage to about 150 watts but my
> pictures still have a course look to them....I have placed the objects on
> a white surface with a white background....by observing the pictures I
> have taken, it looks like my lighting problem includes how the light is
> dispersed.....I can light up one part of the object (say the book cover)
> but not the entire cover.....anyway looking at some of the QRPTTF pictures
> I know it can be done.....I'm just having trouble figuring out how to do
> it....any information on this would be greatly appreciated so I can have a
> "good" web page with excellent pictures...thank you....

>

> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -

> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

>

Date: Wed, 10 May 2000 12:12:54 EDT
From: Cw4n5iw@aol.com
To: qrp-l@lehigh.edu
Subject: [69816] Resonant Speakers
Message-ID: <e3.4331e74.264ae486@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have followed Ed Lorangers articles on Resonant Speakers for a couple of years now. He has spent a great deal of time and research perfecting a resonant speaker design that truly gets all that is possible out of a passive filter. My sincere thanks for all your work, Ed.

For those of you that are wanting to build a simple resonant speaker. I invite you to visit my web page on Resonant Speakers:

<http://www.qsl.net/n5iw/RESONANT.htm>

This is a SIMPLE resonant speaker that anyone can build using common PVC plumbing pipe and a radio shack speaker. This design works great and peaks around 726 Hz. I have made several of these for other local QRPers and have used the little speaker for field days and all of the various QRP field activities (ie. BUBBA, FYBO, QRPTTF, QRPAF, Flight of the Bumblebees, etc).

Don't be intimidated, BUILD ONE! You will be amazed at the results.

Note: When you have one built, play with different combinations of DSP, AUTEK filters, and the resonant speaker. For working really weak stations (ie FOXii) I like to use my Timewave 599 with output leading to an Autek QF-1A (use the high pass mode and peak freq) with the output leading to my resonant speaker. Watch out, this can literally BLOW your mind!

72 es 73, Dave, N5IW

Date: Wed, 10 May 2000 11:36:02 -0500
From: bcsnw <bcsnw@home.com>
To: qrp-l@lehigh.edu
Subject: [69817] FS: QRPp's and Heathkit GD-1A Grid Dip Meter
Message-ID: <4.3.1.2.20000510112414.00aef1d0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Gang,

I was doing some late Spring cleaning and found a few more QRP items that I am putting up for sale.

1. QRPP Journal Sets: 1993, 1994, 1995, 1996, 1997, and the Winter 1998 issue (the one with the 2N2/40 plans). For ease of transaction and shipment, I am only going to sell this collection as a whole. \$65 + \$3 shipping.

2. Heathkit Model GD-1A Grid Dip Meter. Appears to be in good condition, not tested though. \$50 + \$5 shipping.

If interested, E-mail me at: bcswh@home.com

Thanks,

Todd A. Atkins, K4MSW
Baton Rouge, Louisiana

72/73

Date: Wed, 10 May 2000 12:31:57 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [69818] wire / rope ant and a few otter things
Message-ID: <20000510.123306.-253907.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high Y'all

Hey Ed... sry to hear the hands acitng up real bad.... you're in for some great "learning experience" as it is easier to be the rescuer than the rescued...it's easier to tell someone else to take it easy for a while than it is to take it easy for a while yourself... u can do it... and thanks for the k2 work... excellent job.... now u take it easy ... u heah...

OK NOW TO BUSINESS... eva since I turned that funny 20 mtr wire ant towards europe life has been different... why I even got some respect! had a russian station tell everyone to be quiet while he worked the "qrp" station... the hardest station to work has been SPAIN.... however ...russia, ukraine, byelorussia, poland, germany austria italy france, bulgaria...these stations I can work most any time... ssb, even sstv...at 5 watts or less or even at 10 watts... the report is an s6 or

better signal... guess I need to get back to cw and see where they hang out on twenty cw...

I get "big station" performance outta the three elements on forty meters... sure helps on receive also... I dont' have any more room to "spearment" so the life of these antennas may be short... after all, they do work... miminal parts.... two egg insulators and some braided nylon rope... and a coupla dowel rods... what a commercial antenna like that would cost... A thousand bucks?

With the thunderstorm season coming up my cajun mama reminded me that I had better let the antenna down ifin it looks like lightning or (pating her double barrell shot gun) she would let it down for me.... kinda hard to ignore a friendly reminder like that...

the fish is biteing

so gotta go

ke1la joel

in maine

laid back in de kayak

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Wed, 10 May 2000 09:46:06 -0700 (PDT)

From: "James C. Owen, III" <k4cgy_list@yahoo.com>

To: JBurnley@ifmc.org, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [69819] Re: Help: Online cross reference sites?

Message-ID: <20000510164606.28087.qmail@web1602.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- John Burnley <JBurnley@ifmc.org> wrote:

> Does anyone know of any online sites that can be used to cross
> reference semiconductors and ICs? Are there any online sites
> that contain info on identifying semiconductors that have (what
> appear to be) industry type identification markings. Thanks
> much in advance!

>

> 72, John NU0V

>

Try these.

<http://www.nteinc.com/>

<http://www.inland-electronics.com/skcross/>

73 Jim K4CGY

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Wed, 10 May 2000 12:41:28 -0400

From: "Edward A Kwik jr" <eakwikjr@hti.com>

To: QRP-L Discussion <qrp-l@Lehigh.EDU>

Subject: [69820] Michigan QRP Net

Message-ID: <39199138.37F80015@hti.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There was no net last night. Just as it came up to 0100 UTC when we came under a tornado warning for the area. I was not a good idea to be on the air to play around. So I monitored the local repeaters and the National Weather Service frequency while the XYL and kids joined me in the basement shack. It got scary for a while. We have no power but other than that we had no damage. Others in the neighborhood were not as lucky. Lots of trees down and some home damage. C U next week.

The net meets every Tuesday night at 9:00 PM (that is 0100 UTC on Wednesdays) at 3.535 MHz. NCS is AB8DF, Ed, Waterford, MI

72's

Ed Kwik AB8DF

Date: Wed, 10 May 2000 09:27:34 -0700

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Cc: "'brian@iquest.net'" <brian@iquest.net>

Subject: [69821] Re: battery charger

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5DC2@hq-expo2.filenet.com>

..as far as plain cheap is concerned, try hospitals. They will GIVE them to you. They regularly take their gel cells out of service at a proscribed date irrespective of the condition. When they do thius, they have to pay a fee to have the batteries recycled so you are saving them money by taking them off

their hands. I have found about 80-90% of the batteries obtained in this way are useable for many years..

..also, if you charge a 12-volt gel cell at about 13.6-13.9 volts, it will bring them back to life. I have done so by "goosing" the output voltage of a 13 volt power supply to that voltage and letting the gel cells sit on them. If, after 30 minutes or so, they feel warm or hot to the touch or the current drawn is sporadic and jumps all over the place, crank the voltage back down.

Good luck.

Bill, k6whp

Date: Wed, 10 May 2000 11:09:31 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: n4so@juno.com
Subject: [69822] Re: Tubes/hollow state/glowbugs
Message-ID: <391997CB.FECE1C3B@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken and others, here is a repost of the message of earlier in the week with subscribe into to the GlowBug list and the url for their website. The list is up and appears to be working ok.

Re: Tubes/hollow state/glowbugs
Subject: Re: Tubes/hollow state/glowbugs
From: Ray Colbert (af852@rgfn.epcc.edu)
Date: Sun May 07 2000 - 14:52:08 EDT

<<<<<snip>>>>>

They also have a website with some information available on regens and other associated glowbug items - I guess it will be back on about the same time. The url for that is: <http://www.mines.uidaho.edu/~glowbugs/>

=====

First, be sure to save or print this information for future reference!!!!

Questions/problems should be addressed to the list-owner/
list-mechanic:

WELCOME TO THE GLOWBUGS EMAIL LIST.

This list is provided for the convenience and enjoyment of Amateur Radio Operators who enjoy owning, operating, and BUILDING tube type equipment. Be sure to share your questions, observations, new developments with members of the list!

To post messages to the list, address them to this address:

glowbugs@piobaire.mines.uidaho.edu

To retrieve a list of email addresses of list members, post an email message to this address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

who glowbugs

To retrieve the latest version of this information file, post an email message to this address:

majordomo@piobaire.mines.uidaho.edu

Place ONLY these words in the BODY of the message:

info glowbugs

To SUBSCRIBE to the list, post a message to this email address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

subscribe glowbugs

To UN-SUBSCRIBE from the list, post a message to this address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

unsubscribe glowbugs

=====

73 Ray

--

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Wed, 10 May 2000 13:34:17 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [69823] Re:Re: WA2HQQ
Message-ID: <71.2f41ecb.264af799@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I
<<

But notice that's only one person who doesn't want you to stick around out of the MANY that DO! Don't worry about him, Bob. It says a lot to just tell you to "leave" instead of offering his time to possibly help you out.

Stick around, Bob. We'd love to keep you on the list.

>>

Hi *****,
Thanks for the nice note.
Well maybe I did jump the gun a little but I received three nasty *E* mails and 11 nice ones.
,I have been very ill as you know from reading the mail and my problem hit me like a lightning bolt . Then over a 2 month period of time things started to come back to normal up to a point.
I do little right now as far as activity goes.
My close up vision is not that good and the Doctors are still trying to figure out what happened to me.
At this time it seems like my symptoms may be coming back at a very slow rate or it may be just bad days.
Right now it's very painful for me to type as I have the severe neck pain and close vision problem makes the problem worse.
As for my questions not being answered and a few telling me to get off AOL,I saw a lot of mail being posted on the SMK-1.
I waited three days for info on the NC-40-M and received 1 reply.
A W8 station helped me with the keyer problem and went so far as to make the cord himself to try it out and make sure it worked.
Being cooped up indoors makes me a bit irritable.
However my so called outburst (if you want to call it that) shows how many out there have their finger on the trigger of the flame gun(Not very nice

especially when they don't know whats going on here on my end.)
I remember appx.
two and a half years ago when I made a comet about the OHR 100-A.
All I did was tell the truth.
I was missing 11 parts and some resistors had no color bands on them. I also
suggested that the final be inserted first because it would make that task
easier..
I received 116 flame letters from that and I answered every one.
After it was all over with a member of this list decided to post my letter to
the list 2 weeks and it started another flame war.
I had many letters of support but they were useless because they were not
posted to the list.
My name was removed from the EPA QRP club and now that persons name is in my
slot.
Well if I did offend anyone because I asked for help then I'm very sorry.
I have to make 1 post on an item i'm selling and another on mods for the
ARK-20-M and I'll leave the list (SMILE MARK)
73 to all.
Bob
WA2HQrp <tm>

Date: Wed, 10 May 2000 13:39:16 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [69824] QRP FS.....SST 30-M with Mods
Message-ID: <7e.4b0f179.264af8c4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm posting this for a local ham.
It's a SST 30-M with extended RX and power boosted up to 3.5 watts.
Has a TICK with it's own key jack and a buzz not noise blanker.
The box is unpainted and the rig sounds very good.
\$100.00 + shipping
Bob

Date: Wed, 10 May 2000 11:27:13 -0500
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@lehigh.edu
Subject: [69825] SMK-1 receiver fixes
Message-ID: <3.0.1.32.20000510112713.00932d10@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A week or so back, Monty N5FC, posted that he fixed his non-working SMK-1 receiver by replacing resistor R18 with a 2K resistor. Others have posted that they built their kits with no need to change out parts and they worked fine. Question is, why are some kits having receive problems and some are not and is the replacement of R18 a good fix or should I look for other reasons my SMK-1 is having receive problems?

My characteristics are:

No sidetone during transmit (transmitter has correct output)
TC1 and TC2 have no affect on receive audio
No CW signals heard, low noise
By touching C11, I receive BC stations and some SSB
Touching TC2 produces a loud hum

73,

Richard WA4NWW

Date: Wed, 10 May 2000 10:46:32 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [69826] SMT soldering tools
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EBBC@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If you are serious about SMT work, especially fine pitch devices, take a look at:

<http://tm0.com/sbct.cgi?s=39224820&i=200483&d=226324>

Mike K1MG

Date: Wed, 10 May 2000 11:05:54 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69827] Re: A little irritable.
Message-ID: <3919A502.58008FC0@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wow. Thanks all for the kind notes.
My email box was brimming with good thoughts
and great hope.

You are all the very best. -Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Wed, 10 May 2000 11:10:58 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69828] Re: Michigan QRP Net
Message-ID: <3919A632.C29626DC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, isn't it kinda early for tornadoes in Michigan?

One of my early memories is of the devastating tornado that hit the
north end of Flint when I was just a few years old.

Glad everyone is safe.

72 de Jim - AD6CW

Edward A Kwik jr wrote:

>

> There was no net last night. Just as it came up to 0100 UTC when we
> came under a tornado warning for the area. I was not a good idea to be
> on the air to play around. So I monitored the local repeaters and the
> National Weather Service frequency while the XYL and kids joined me in
> the basement shack. It got scary for a while. We have no power but
> other than that we had no damage. Others in the neighborhood were not
> as lucky. Lots of trees down and some home damage. C U next week.

Date: Wed, 10 May 2000 13:52:52 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu

Subject: [69829] Resonate speakers
Message-ID: <200005101831.0AA17312@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If you've never used a resonate speaker for copying CW, your really missing out. They are amazing.

While Ed spent a lot of time and effort designing the ultimate resonate speaker, an effective one can be built by simply pushing a 2" speaker to the bottom of a 10 oz plastic drinking tumbler. (speaker cone face down)

The peak is a little high and a little broad, due to the tumber being a tad short and being a tapered cone, but gives a good 10 dB boost over a normal wide range speaker. Rigs that can hardly drive a normal speaker, blast when the resonate tumber is connected. It's cheap, light weight, simple, takes 5 minutes to build and is very effective. Give it a try and it might inspire you to build a more sophisticated one!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 10 May 2000 14:26:04 EDT
From: Ab5xq@aol.com
To: qrp-l@lehigh.edu
Subject: [69830] SMK-1 complete
Message-ID: <42.540242d.264b03bc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I finished up SMK-1 #70 last night. Total time to complete was 8 1/2 hours. I did a quick check, as it was getting late and all looks good except I have an intermittent volume problem on receive. I attribute this to hurriedly wiring up to do the checks, and feel that once I get the unit in the enclosure this will clear that up.

Pwr out seems good, looks like right at 400mw and good tone in my monitor receiver. Can't wait until I get the enclosure and now that I have successfully completed, I believe I will order the new NORCAL tuner kit to have a matched set.

My biggest problem was in the size of the parts. At one point I thought

about giving up, as I lost two parts (one cap, and one diode) They went flying across the room somewhere, I didn't take the precautions others suggested, such as putting down a sheet or covering workbench. I know now that I should have. Anyhow, I took some leaded parts I had from my junk box (didn't want to wait to order spares) and soldered them in. The project looks a bit funny with these replacements but, works just the same. This was a great learning project and I thank Doug and Dave and all the others who put this together and even though I believe I enjoy the "old" kits better, (I find working with these small parts tedious) I am still ready and looking forward to getting the SMK-2.

I commend the group in the way you packaged the project. This was a tremendous help and worked well for me. I used a standard RS soldering iron. I am now in the market to buy a new one (and better one) with a smaller tip. Planning on a shopping trip next week. I have also learned to keep my workbench clean and to take some precautions to catch and find the parts that get away.

Have not had a QSO with the SMK-1 yet but will give it a try on Friday evening, which is the first chance I will get to be back in the shack, due to work commitments.

To all who worked at bringing us such a fine kit--Thank you for all the fun and looking forward to the next SMK adventure.

72, Bill Holt, AB5XQ

Date: Wed, 10 May 2000 16:07:24 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [69831] FW: QRP auxillary equipment question!
Message-ID: <000101bfbabb\$5bf692c0\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks,
I have visited local Radio Shack and found a butane soldering iron cannot remember part number. Price seemed reasonable, and butane tanks are sold in pairs. It would seem, if it lasted 30 minutes, it would made a good addition to the QRP field kit. Just in case a repair was needed in a coax or something like that and you didn't have generator handy.

Has anyone used one of these or had experience with a similar item for repairs during field day, camping, etc with HF rigs? This seems like a good addition to the [field] tool box.

"No wonder Clairol makes so much money selling shampoo.
Lather, Rinse, Repeat is an infinite loop!"

73,
Chuck AA8VS
MI-QRP #M1212
QTH Canton, MI

Date: Wed, 10 May 2000 16:06:05 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: qrp-l@lehigh.edu
Subject: [69832] NEQRP CW Net on Thursday Night
Message-ID: <3919C12D.67F5B38B@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We're going to try running a New England QRP net at 9:00PM EDT on Thursday, 11 May, on or about 7041 KHz. Or, if you prefer Zulu time, the equivalent is:

0100z May 12 (9pm local Eastern Time, May 11) on 7041 +/- QRM

The format will be something like the following:

CQ CQ CQ NEQRP DE WQ1RP
NET OP IS ...
CQ CQ CQ NEQRP DE WQ1RP
QNI
...
AS
QNI
...
etc.

Several people suggested alternating weekly between 80M and 40M, so we will try operating on 80M the following Thursday (on or around 3561 KHz, same time, etc.) and will follow this general pattern, with the net on 80M for the first and third Thursdays of each month, and on 40M for the second and fourth Thursdays. The fifth Thursday (of any month with a

fifth Thursday) will be left open. We will start out around 15 wpm, and adjust speed as necessary to meet the requirements of those participating.

72 DE K1CL,
Chuck.

Date: Wed, 10 May 2000 16:17:43 EDT
From: NA1XX@aol.com
To: qrp-l@lehigh.edu
Subject: [69833] Simple speaker resonator
Message-ID: <34.4fb423b.264b1de7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For folks using a rig with an upward firing speaker (MFJ rigs, or Index Lab QPR+ for example), here is the ultimate in no pain, no brain, much gain speaker resonating.

Cut a 4.75 inch length of 3 inch ID tube (cardboard mailer, rug core, PVC, whatever) and put it over the speaker grill.

Instant resonance at about 750 Hz, with unbelievable clarity and audio gain for something so stupidly simple.

Just think what a REAL resonant speaker could do for you!

72
Mike NA1XX
North Weymouth MA
QRP-L # 1588
"When All Else Fails ... CW"

Date: Wed, 10 May 2000 15:26:53 -0700
From: Michael Melland <badger@vbe.com>
To: crmabbott@mediaone.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69834] Re: FW: QRP auxillary equipment question!
Message-ID: <3919E22D.97DA85D8@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Our radio service tech's use these butane soldering irons in the field every day..... they like the idea that they don't have to be tied to an electrical source..... especially while working on/in our vehicle radio systems.... wiring etc. As an added bonus they can be utilized to "shrink" shrink wrap tubing on wire splices etc.....

I had one myself until it died for some reason (a Weller) but liked it and got lots of use out of it before it went belly up. However..... at least with mine.... I'd be very careful using it on a pc board as it gets way too hot and the tips were big.

Mike Melland, W9WIS

Date: Wed, 10 May 2000 16:19:54 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [69835] Chuck Adams
Message-ID: <v03102802b53f748b55f5@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone received an update on Chuck?

If so, please post it to the list.

72,

Rick kf4ar

Date: Wed, 10 May 2000 13:35:43 -0700
From: Bill Ross <k6mgo@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [69836] Fw: Resonate speakers
Message-ID: <20000510.133544.-315651.2.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

----- Forwarded message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

If you've never used a resonate speaker for copying CW, your really missing out. They are amazing.

My XYL goes "ballistic" now, if I happen to have a speaker hooked up to any Morse code source. I can just imagine what she would do if I made a resonate speaker. That will be the day!!

72/73

Bill, K6MGO Marina Del Rey, CA

Date: Wed, 10 May 2000 13:39:50 -0700

From: Casey Ray <clray@usc.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [69837] F/S 38 Special (unfinished)

Message-ID: <3919C916.6071BD7F@usc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have an unfinished 38 Special, abt 90 - 95% complete, with custom case, pots, and switches that I'd like to sell for \$60 plus shipping. Please contact me direct, if interested.

Thanks for the bandwidth.

73 de Casey

AD6DI

Date: Wed, 10 May 2000 16:48:01 EDT

From: Wb8siw@aol.com

To: jmlowman@ix.netcom.com, qrp-l@lehigh.edu

Subject: [69838] Re: Michigan QRP Net/Tornado

Message-ID: <38.5bbcb7c.264b2501@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 05/10/2000 2:15:10 PM Eastern Daylight Time, jmlowman@ix.netcom.com writes:

<< Wow, isn't it kinda early for tornadoes in Michigan?

One of my early memories is of the devastating tornado that hit the north end of Flint when I was just a few years old.

Glad everyone is safe.

72 de Jim - AD6CW >>

LOL...gee Jim...let me guess. You should be around 50 years old ??
I suspect you're referring to the infamous Beacher Tornado that hit the Flint area in June of '53 killing 110 people. That was one of several significant tornadoes that year which led to the US Weather Bureau (now NWS) developing the present system of Watches, Warnings, etc....so you can claim to be a part of history!

Actually, Tornadoes peak in Michigan in June. However, the primary season runs from early April to July. We have had significant tornadoes as early as February and as late as November...believe it or not.

73, Jim Wades

Date: Wed, 10 May 2000 16:48:53 EDT
From: GElam30092@aol.com
To: rerobins@email.uncc.edu, qrp-1@lehigh.edu
Subject: [69839] Re: Chuck Adams
Message-ID: <b4.51c64ac.264b2535@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/10/00 1:35:47 PM US Mountain Standard Time, rerobins@email.uncc.edu writes:

<< Has anyone received an update on Chuck? >>

He was at the AZ ScQRPions meeting on Saturday and looked great. Not only that, but he had a qrp-convert with him who is getting a K2 too!

Cheers,
Gerry

Date: Wed, 10 May 2000 16:20:45 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-1@lehigh.edu

Subject: [69840] [QRP CLUB] Fowarded from K1CL
Message-ID: <200005102020.QAA24587@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We're going to try running a New England QRP Club net at 9:00PM EDT on Thursday, 11 May, on or about 7041 KHz. Or, if you prefer Zulu time, the equivalent is:

0100z May 12 (9pm local Eastern Time, May 11) on 7041 +/- QRM

The format will be something like the following:

CQ CQ CQ NEQRP DE WQ1RP
NET OP IS ...
CQ CQ CQ NEQRP DE WQ1RP
QNI
...
AS
QNI
...
etc.

Several people suggested alternating weekly between 80M and 40M, so we will try operating on 80M the following Thursday (on or around 3561 KHz, same time, etc.) and will follow this general pattern, with the net on 80M for the first and third Thursdays of each month, and on 40M for the second and fourth Thursdays. The fifth Thursday (of any month with a fifth Thursday) will be left open. We will start out around 15 wpm, and adjust speed as necessary to meet the requirements of those participating.

72 DE K1CL,
Chuck.

Date: Wed, 10 May 2000 15:44:10 -0400
From: "The Weinsteins" <weinsteins@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69841] Interesting Web Site
Message-ID: <00b501bfbab8\$1cdf2c80\$ba3b2a18@ym1.on.wave.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

This may be old "news" to some.

There's a rich site at <http://www.repairfaq.org> which will delight the Home Brew and QRP community. Take your time, click the links, and turn lots of pages; you will be well rewarded.

Well, it's news to me, anyway!

Al VE3HVX

Date: Wed, 10 May 2000 16:59:38 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: <NA1XX@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [69842] Re: Simple speaker resonator
Message-ID: <002301bfbac2\$a829d9c0\$355730d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

Do you know of any design formulas for determining resonance of tubes?
Maybe a website or something?

Vic AD8K

>QPR+ for example), here is the ultimate in no pain, no brain, much gain
>speaker resonating.
>
>Cut a 4.75 inch length of 3 inch ID tube (cardboard mailer, rug core, PVC,
>whatever) and put it over the speaker grill.
>
>Instant resonance at about 750 Hz, with unbelievable clarity and audio gain
>for something so stupidly simple.
>
>Just think what a REAL resonant speaker could do for you!
>
>72
>Mike NA1XX
>North Weymouth MA

>QRP-L # 1588
>"When All Else Fails ... CW"

-----Original Message-----

From: NA1XX@aol.com <NA1XX@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, May 10, 2000 4:30 PM
Subject: Simple speaker resonator

>For folks using a rig with an upward firing speaker (MFJ rigs, or Index Lab

Date: Wed, 10 May 2000 16:00:24 -0500 (EST)
From: igeq100@iupui.edu
To: Charles Mabbott <crmabbott@mediaone.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69843] Re: FW: QRP auxillary equipment question!
Message-ID: <Pine.HPP.3.96.1000510155745.12002B-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Chuck -

I got such an iron from Radio Shack a number of years ago. It worked pretty well if there was no wind blowing - that can cool it off pretty fast. Also, the tip of mine was pure copper (not ironclad), and it wore away rather quickly. But it was very nice for antenna work, etc.

72/73

Richard Meiss, WB9LPU

On Wed, 10 May 2000, Charles Mabbott wrote:

>
> Hi folks,
> I have visited local Radio Shack and found a butane soldering iron
> cannot remember part number. Price seemed reasonable, and butane
> tanks are sold in pairs. It would seem, if it lasted 30 minutes, it
> would made a good addition to the QRP field kit. Just in case a repair
> was needed in a coax or something like that and you didn't have
> generator handy.
>

> Has anyone used one of these or had experience with a similar
> item for repairs during field day, camping, etc with HF rigs?
> This seems like a good addition to the [field] tool box.
>
> "No wonder Clairol makes so much money selling shampoo.
> Lather, Rinse, Repeat is an infinite loop!"
>
> 73,
> Chuck AA8VS
> MI-QRP #M1212
> QTH Canton, MI
>
>

Date: Wed, 10 May 2000 14:02:30 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [69844] SMK-1: Kits Still Available
Message-ID: <20000510210230.63248.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, we have plenty of SMK-1 kits available. Jim is on vacation right now, but if I know him, he will get the orders out in record time when he returns. The SMK-1 is a course in Surface Mount technology. It is a "practice kit" designed to show that you can work with surface mount devices. The kit has over 80 parts, and only 7 of them are through hole devices. The rest are 1206 in size, which means that they are 12 thousandths by 6 thousandths. The transistors are S023, with one S089 (larger), 3 ICs (8 Pin S0IC) and several 1210 inductors and diodes.

When you finish the kit, you will have a 40 meter transceiver with VXO Receiver and Transmitter tuning. The receiver covers about 4 kHz. the transmitter about 1 to 1.5 kHz. The transmitter puts out about 350mW and the receiver has an mds of 120+. It has qsk, and a real sidetone. Not an Icom 706, but a fun rig that makes qsos.

The cost of the SMK-1 is \$30. To order send a check or money order for \$34 (\$4 S&H) US & Canada, \$36 Europe, and \$38 Pacific rim to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please make checks out to Jim Cates, Not NorCal. Also, if you would please

enclose a self-addressed mailing label, it really helps Jim.

72, Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Wed, 10 May 2000 14:43:09 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69845] Solar Battery Chargers
Message-ID: <3919ADBD.23CCF781@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any recommendations on where to find a solar battery charger? Radio Shack.com has the unit below:

	\$79.99
	Cat.#:
980-0562 RSU#: 11931540	
your vehicle battery fully	Let the sun keep
handy trickle charger connects	charged. This
12V battery. It can even help	directly to your
appliances such as TVs, stereos, CB	run small
or clocks. Generates 350mA at	radios, lights
sunlight. Output 140 watt/hours per	15W in full
construction. Batteries not	week. Robust
Warranty: Five-years. Size:	included. (Mfr.
Weight: 3.2lbs.)	13x13x1" (HWD).

This looks like a good deal. Anything better out there?

73
Paul AJ4Y

--

Polk County Chapter American Red Cross:
<http://www.redcross.org/fl/polkcounty>

Date: Wed, 10 May 2000 17:07:54 EDT
From: PDouglas12@aol.com
To: rerobins@email.uncc.edu, qrp-l@lehigh.edu
Subject: [69846] Re: Chuck Adams
Message-ID: <78.512a196.264b29aa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Guys,

Chuck is just fine; minor procedure was successful and he's back teaching and doing his thing. He is not currently subscribed to the QRP-L list, as far as I know. He will be doing some of the Western hamfests, but I couldn't talk him into coming to Dayton.

Preston Douglas WJ2V

Date: Wed, 10 May 2000 15:17:08 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-l@Lehigh.EDU>
Subject: [69847] QRP auxillary equipment question!
Message-ID: <000201bfbab4\$56606220\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have visited local Radio Shack and found a butane soldering iron cannot remember part number. Price seemed reasonable, and butane tanks are sold in pairs. It would seem, if it last 30 minutes, it would made a good addition to the QRP TTF kit, in case a repair was needed in a coax or something just as quick.

Has anyone used one of these or had experience with a similar item for repairs during field day, camping, etc with HF rigs? This seems like a good addition to the [field] tool box.

73,
Chuck AA8VS
MI-QRP #M1212
QTH Canton, MI

Date: Wed, 10 May 2000 17:20:57 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [69849] Phone Company Removes endfd

Message-ID: <Pine.BSI.4.05L.10005101714280.22478-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In the midst of operating today, the rig suddenly went bonkers, and I heard a knock at the door. Seems the local phone company decided that the end of my wire on their pole had to go.

So....I'm open to suggestions...I have a small lot at the rear of the house....it's 12 feet wide and 12 feet deep.

I'm wondering, since getting on the roof may not be viable, what I might do with 3 10 foot lengths of EMT or PVC to elevate. I have an unbuilt slinky that I could erect, but if it was an inverted v...the angle would be very sharp.

I installed an indoor end-fed...but the performance leaves much to be desired.

Would really appreciate any hints, either direct or via the list.

thanks
thom

[illegible]

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Wed, 10 May 2000 14:21:47 -0700
From: Casey Ray <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69850] Re: F/S 38 Special (unfinished)
Message-ID: <3919D2EB.DFB8503A@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri. Forgot it also has TiCK keyer.

73 de Casey
AD6DI

Casey Ray wrote:

>
> I have an unfinished 38 Special, abt 90 - 95% complete, with custom
> case, pots, and switches that I'd like to sell for \$60 plus shipping.
> Please contact me direct, if interested.
>
> Thanks for the bandwidth.
>
> 73 de Casey
> AD6DI

Date: Wed, 10 May 2000 17:36:06 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [69851] Re: battery charger - UC3909 or UC3906 IC source?
Message-ID: <125490A005E3D3118C9C00805FC743CC02F3B6@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I need a charger and would prefer to roll my own using the UC3909 (switchmode version of the 3906). Now, I usually answer questions like these, but this one has me stumped - where do I get one? I checked Newark, Allied, Mouser, Digi-Key, MCM and even did a Google search :-) with no luck. Also if there is another source for 3906s I'd like to know that too - all the dozens of web page UC3906 charger projects point to the A&A kit and I still want to roll my own. :-)

72, Michael, KC1SX

Date: Wed, 10 May 2000 14:50:44 -0700
From: Ed Loranger <we6w@qsl.net>
To: "WB6FLD (E-mail)" <wb6fld@arrl.net>, Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69852] Re: Alviso Home Brew QRP Club News
Message-ID: <3919D9B4.E8A499F9@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, Rick is starting up a ham club with vanity call. He is asking for advice on starting the club and is getting a vanity call for it. He's interested in

club materials such as T-shirts, mugs, pins,
you name it -- and how to get them.

If you have suggestions for Rick, his email
is: <mailto:wb6fld@arrl.net>

-Ed

"WB6FLD (E-mail)" wrote:

>
> Hi Ed,
>
> Thanks for the offer. The consensus seems to be that I will need to have
> club officers, regular meeting time and place, and by-laws to keep the FCC
> happy about issuing a club call. All because a few idiots went crazy with
> hogging vanity calls. Oh well.
>
> I could use some help finding a good place to order t-shirts and caps made.
> Maybe you could put out a note about that on qrp-l for me.
>
> Have I ever invited you to our local 80m cw net? We meet every Tuesday nite
> at 9pm local time on 3715khz +- qrm. It is a casual, cw practice net. We
> have had checkins from as far south as Ventura and as far north as B.C. It
> is not a qrp only net, but I usually check in with 5w or less, and
> occasionally others do the same. Everyone seems to be able to copy me fine.
>
> Thanks,
>
> '73
> -Rick
> WB6FLD
> wb6fld@arrl.net
>
> -----Original Message-----
> From: Ed Loranger [<mailto:we6w@qsl.net>]
> Sent: Monday, May 08, 2000 10:55 PM
> To: WB6FLD (E-mail)
> Subject: Re: Alviso Home Brew QRP Club News
>
> Rick, this is a great idea. It is too
> big of an issue for little ol' me. I have
> a great recommendation for you and I'm sure
> it will get the best response if you
> send your email to QRP-L!!!
>
> There is a whole world of experience on
> just these matters.
>

> If you can't get on QRP-L, I'd be very happy
> to copy your post to them and include your
> email address for responses.
>
> Let me know and I'll follow up with that.
> -Ed we6w
> --
> 72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
> <http://www.qsl.net/we6w> Santa Rosa, CA
> My 2 pennies worth is just common cents.

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Wed, 10 May 2000 14:38:47 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: crmabbott@mediaone.net
Cc: qrp-l@lehigh.edu
Subject: [69853] Re: FW: QRP auxillary equipment question!
Message-ID: <200005102153.0AA01775@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:07 PM 5/10/2000 -0400, you wrote:

>
>Hi folks,
>I have visited local Radio Shack and found a butane soldering iron
>cannot remember part number. Price seemed reasonable, and butane
>tanks are sold in pairs. It would seem, if it lasted 30 minutes, it
>would made a good addition to the QRP field kit. Just in case a repair
>was needed in a coax or something like that and you didn't have
>generator handy.
>
>Has anyone used one of these or had experience with a similar
>item for repairs during field day, camping, etc with HF rigs?
>This seems like a good addition to the [field] tool box.

Definitely a tool for the field box. I have twice needed a soldering iron in the field, and wished I had put my butane iron in the field kit. Had a 120V iron, but, as you say, had to fire up the generator and move the rig close to the power to fix it.

Bob Hightower NK7M
Chandler, AZ

SOC #20

<http://www.extremezone.com/~nk7m>

Date: Wed, 10 May 2000 14:40:17 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: rerobins@email.uncc.edu
Cc: qrp-l@lehigh.edu
Subject: [69854] Re: Chuck Adams
Message-ID: <200005102154.0AA02372@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:19 PM 5/10/2000 -0400, you wrote:
>Has anyone received an update on Chuck?
>
>If so, please post it to the list.
>

He's home, and doing well. In fact, he was at the ScQRPions meeting last week, and looks great. A little weight loss, which a good many of us could use, I suspect, but otherwise fine.

Same old Chuck :^)

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Wed, 10 May 2000 18:08:49 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, <w4emi@arrl.org>, "Bob Sacilowski" <spanky@afcon.com>, "Paul Womble" <aj4y@arrl.net>, "Morris Bernstein" <w4rex@gte.net>, "Bud Skoien" <ah6nz@aol.com>, "Lee

Jarvis" <l2jarvis@mindspring.com>, "Bud Murphy" <ac4my@arrl.net>,
Subject: [69855] CLUB: WestFLA Meeting This Saturday, 13 May 1999 - Special Giveaways!

Message-ID: <NDBBJALMDCJHFFPJMMFKAEFFCKAA.scohen@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club will be held this Saturday, the 13th of May, 2000 at 10AM. The meeting will run until folks have had enough. This meeting will feature a the beginnings of a building project outlined below.

We will have a selection of QRP ARCI door prizes to give away. These include mouse pads and coffee mugs, or so I am told. I will open the box at the meeting so it is as much a surprise to me as it will be to you.

The WestFLA meetings run using the NorCal model, to wit, no new business, no old business, no business at all! It will simply be a meeting of like minded people to discuss QRP, homebrewing, kit building and the sort. As such, it is vitally important that people have things to discuss. Please bring a current project, special rig, piece of test equipment or some such to demonstrate and describe to your fellow ham. Perhaps something that Santa dropped under your tree.

As usual, coffee and donuts will be provided. A selection of door prizes will also be awarded, based on what members bring to give away. If you've got a treasure sitting in the junk box that you do not expect to use any time soon, why not bring it along for a door prize?

As usual, I will bring a selection of test equipment to the meetings to help folks with alignment and troubleshooting of their projects. I will have an oscilloscope, a counter and a signal generator with me.

Mac Steinmeyer, AF4PS will continue to lead us in a Manhattan style construction project this month. This project will build the equivalent of the NorCal SMK-1 only using through-lead components with the Manhattan construction style (pads glued to flat PCB, solder to the pads). Now, before the purists start complaining about turning a nice tiny SMT rig into a behemoth, we offer the following: 1) The components *are* mounted on the surface, and 2) This is a much simpler rig to introduce the beginner to Manhattan construction than the 2N2/40.

At this time, I am not certain how many kits of parts Mac will have available. I do know that if you have reserved a kit with Mac and want a hand getting started, you should bring appropriate construction tools (iron, solder, superglue, etc.). For those of you who have not reserved a kit with Mac, perhaps he will have some extras, or be coaxed into doing another buy to organize more kits. I seem to recall Mac saying that the kit of parts will be in the \$25 to \$35 range, with very little left to scrounge for the end builder/user.

"So, Steve", you say, "Enough of the shuck and jive... Where is the place?". An excellent question. The TARC clubhouse is located in Tampa Florida. The directions to the clubhouse are:

Take I-275 North or South to the Sligh Exit. Once on Sligh, go east to 22nd Street. Turn left on 22nd Street and go the the very end. Once you are at the end of the street, the clubhouse is on your right next to the ball field. It will be obvious from the tower and antennas.

From north of Tampa, take route 75 south to 275 then follow the above directions.

From south of Tampa, take route 75 north until you get to route 4 west which runs into route 275. You have a choice at 275, and you want to go north on 275 from route 4 and follow the above directions.

From the east, take route 4 west until you run into 275 then take 275 north from there and follow the above directions.

There will be a talk-in on the 147.105(+) N4TP repeater. Just give us a holler if you get lost.

These directions are also available on the TARC web page at <http://www.qsl.net/w4dug/way.htm> which is also linked from the WestFLA web page at <http://www.qsl.net/westfla>.

Questions should be forwarded to westfla@qsl.net.

73,

Steve, N30IE

Date: Wed, 10 May 2000 15:21:49 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <Doug.Davies@gems3.gov.bc.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69856] Re: SM Capacitors
Message-ID: <001401bfbace\$2fde7280\$8d142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug, There is a neat capacitor calculator you can download at <http://qrp.pops.net/qrp/default.htm> that will decode capacitor markings for you, click on qrp software and capcoder. 331k is 330pf 10%. Bob Baxter AA7EQ

-----Original Message-----

From: Davies, Doug A FOR:EX <Doug.Davies@gems3.gov.bc.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, May 10, 2000 8:34 AM
Subject: SM Capacitors

I have a question regarding silver mica capacitor identification numbering.
I have some capacitors that have, as an example, "150+10%". I assume this means a value of 150pf with a 10% tolerance. I also have some that have, for example "331K" and that's it. Are these 331pf ?

Doug VA7DD

Doug Davies
Bell-Irving Zone Forester
Kalum Forest District
Terrace, B.C.
250)-638-5125
(250)-638-5176 Fax
MailTo: Doug.Davies@gems3.gov.bc.ca

Date: Wed, 10 May 2000 17:36:25 -0500
From: "Richard Matthews" <prm@hiwaay.net>
To: "Mike Branca" <w3irz@att.net>, "q" <qrp-1@Lehigh.edu>
Subject: [69857] Re: SMK-1 receiver fixes
Message-ID: <011901bfbad0\$2d4936c0\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> This is the part where you learn. If it worked right off you wouldn't
learn
> anything.
>
> Mike W3IRZ
.....

As I write this I am listening to the sweet sounds of a CW QSO on my now
working SMK-1 # 179 Thanks to the good advice of Mike, W3IRZ, Lew, K5LEM,
Jim, N5IB, James and several more.

After completing my kit the XMTR worked great but I had no sidetone, TC1 TC
2 had no affect and the only signals I heard were BC when I touched C11.
Right away our experts told me to check the receive XTAL for oscillation by
rigging a loop antenna and tuning to its frequency on a separate receiver .
. .I had no oscillation. Their advice was, if no oscillation check for
bridges or bad connections at and around the XTAL and that cured the
problems nothing but a bad solder joint.

Thanks to all who helped. I did learn something about SMT components, bad
solder connections are much harder to see with these parts. I only found
mine by reheating several and most of them did not look all that bad.

If you've never tried it, you ought to listen to your oscillating crystal of
your SMK-1 on a separate receiver, it will surprise you when you hear it.

73,

Richard WA4NWW oh yeah, TNX to NORCAL for a great little project

Date: Wed, 10 May 2000 16:18:03 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: Morse.Express@edison.chisp.net, cqclist@cqc.org, qrp-1@lehigh.edu,
brasspounders@e-groups.com, keysnbugs@egroups.com
Subject: [69858] Original Swedish Pump Key Available!
Message-ID: <39198BBB.31107.6AC00D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Morse Express is delighted to announce the availability of one of the genuine classics-- the original Swedish Pump Key. We thought it had been out of production for many years, but the maker, Lennart Pettersson, is still in business in Hoverberg, Sweden.

The Swedish key is a massive instrument, well suited to the European keying style but a delight for anyone to use. If you have ever used a "massy" key you will immediately recognize the smooth, "liquid" feel which results in almost effortless keying.

Tension is provided by a single leaf or "torsion bar" spring at the front of the key, and controlled by the large round knob on the top. Contacts are at the rear of the key, and it is set up for either traditional "on-off" keying or "make-and-break" (in which the receiving circuit is opened when the transmitting circuit is keyed).

The key is mounted on a nicely finished dark hardwood (mahogany?) base which conceals a heavy weight under a brass plate. Pettersson's logo and a serial number are engraved on a plate at the front of the key.

The base measures around 4" by 2" by 1-1/2" high. The overall length (from the rear of the base to the front of the knob) is 7-1/2" while the overall height (to the top of the adjusting knob) is 2-3/4." Total weight is 800g, or about an ounce under TWO POUNDS.

Each key is supplied in its own wooden crate that says "Made in Sweden."

Best news of all is the price-- at \$189.95 the Original is considerably less expensive than the Japanese versions!

Pictures of it are available on our web site at <http://www.MorseX.com/srs> .

As always, you can order on our secure server at <http://www.MorseX.com>, or use our toll-free credit card order line (800) 238-8205, or mail to Morse Express, 2460 S. Moline Way, Aurora CO 80014. For more information about the items mentioned here or any of our other products, visit our web site or call (303) 752-3382.

Date: Wed, 10 May 2000 17:48:23 -0500
From: Michael Melland <badger@vbe.com>
To: n1fn@MorseX.com
Cc: Morse.Express@edison.chisp.net, cqclist@cqc.org, qrp-l@lehigh.edu,
brasspounders@e-groups.com, keysnbugs@egroups.com
Subject: [69859] Re: Original Swedish Pump Key Available!
Message-ID: <3919E737.D0A87C0C@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marshall Emm wrote:

> Morse Express is delighted to announce the availability of one of the genuine
> classics-- the original Swedish Pump Key. We thought it had been out of
> production for many years, but the maker, Lennart Pettersson, is still in
> business in Hoverberg, Sweden.

I have one of these keys I purchased in Sweden about two years ago and it's really great. I remember discussing with Marshall via email once that it would be a great addition to his line. I'm glad he was able to swing a deal and bring them into this Country ! Those who like straight keys will really like the feel and those that admire workmanship will be impressed.

73 de Mike, W9WIS

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, SOC #142, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Wed, 10 May 2000 15:15:27 -0400
From: Barry J Minsky <w2bj@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [69860] 49er
Message-ID: <20000510.151529.-428275.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I want to thank all of the great hams on the list who responded to my request for a copy of the docs on the 49er. Bob, WB2DHK said that he would fax me a copy. I can always depend on those on the list for needed help. Thanks again.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723, SOC #193

End of QRP-L Digest 1817

